



Britain's No.1 Range Cooker



# USER GUIDE & INSTALLATION INSTRUCTIONS

Excel 110 Ceramic



## RANGEMASTER COOKWARE

Our range cookers are well known for providing the best possible cooking performance and years of faithful service. However, a great cooker alone cannot guarantee perfect results every time. The other vital ingredients are of course enthusiasm and quality cookware.

We offer cookware to work perfectly with all fuel types manufactured by Rangemaster, including induction hobs. You can be assured of functionality with style, as well as the quality and meticulous attention to detail you expect from the pioneers of range cooking.

**Visit:** [www.rangemastercookshop.co.uk](http://www.rangemastercookshop.co.uk)

## FRUITY BAKED PUDDING

Serves 4–6

### Ingredients

- Oil for greasing
- 100 g strawberries
- 100 g raspberries
- 100 g redcurrants
- 100 g blackberries
- or a 400 g mixture of any soft fruits
- 2 medium eggs
- 30 g caster sugar
- 80 ml skimmed milk
- 2 tsp vanilla extract
- 60 g plain flour (sifted)
- 1 tsp baking powder
- Icing sugar to dust

### Method

1. Preheat the oven to 200 °C (for a conventional oven), 180 °C (for a fan oven) or gas mark 6.
2. Lightly grease a dish 26 cm wide x 4 cm deep.
3. Thickly slice any large strawberries and place them with the other fruits into an ovenproof dish, deep enough so the berries are about 2 deep.
4. Whisk the eggs and caster sugar until pale and fluffy. Beat the milk and vanilla extract into the mixture and then fold in the sifted flour and baking powder.
5. Pour the cake mix over the fruit and bake on the centre shelf of the oven for 15–20 minutes, or until the mixture is cooked through and golden on the top.
6. Dust with icing sugar and serve immediately with cream or crème fraîche.



## ROAST LOIN OF PORK WITH PROSCIUTTO & BAY LEAVES

### Ingredients

- 3 kg (6½ lb) skinned and boned loin of pork
- 2 x 70 g packs prosciutto
- Grated zest of 2 lemons
- Bay leaves
- Salt and freshly ground black pepper

#### For the sauce:

- 1 tablespoons plain flour
- 4 tablespoons lemon juice
- Chicken stock/water

### Method

1. Preheat the oven to 220 °C (for a conventional oven), 200 °C (for a fan oven) or gas mark 7.
2. Spread one of the packs of prosciutto over a chopping board; place the pork on top with the outer (fat) part of the pork resting on the prosciutto.
3. Sprinkle the lemon zest onto the inside of the meat and season well. Lay the remaining prosciutto on top of the zest and roll up.
4. Secure the pork with string or silicone bands and thread bay leaves under the string, covering the whole piece of pork. Put the meat on to a trivet over a large roasting tin containing enough water to cover the base.
5. Place into the oven and cook for 30 minutes. Reduce the heat to 180 °C conventional oven/160 °C fan oven/gas 4 and continue roasting for a further 25 minutes per 500 g. Should the prosciutto start becoming too brown, cover with some foil.
6. When the pork is cooked, place onto a warm plate, cover with foil and allow to rest for at least 20 minutes.
7. Spoon off most of the fat from the roasting tin and stir the flour into the remaining. Gradually add the stock and lemon juice, adding more stock until the desired consistency is reached and simmer for 5 minutes. Check the seasoning, adding more pepper or lemon juice as necessary.
8. Remove the string or bands from the pork and carve into slices, serve with the sauce.

# Contents

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<b>1. Before You Start...</b>	<b>1</b>	<b>6. Troubleshooting</b>	<b>19</b>
Important!	1	<b>7. Installation</b>	<b>21</b>
Installation and Maintenance	1	Dear Installer	21
Peculiar Smells	1	Safety Requirements and Regulations	21
Ventilation	1	Provision of Ventilation	21
Personal Safety	1	Location of Cooker	21
Hob Care	3	Positioning the Cooker	22
Cooker Care	3	Moving the Cooker	22
<b>2. Cooker Overview</b>	<b>4</b>	Repositioning the Cooker Following Connection	23
The Hob	4	Levelling	23
The Glide-out Grill	6	Electrical Connection	24
The Ovens	7	Final Checks	24
The Clock	10	Fitting the 2-piece Plinth	24
Accessories	12	Customer Care	24
Main Oven Light	12	<b>8. Circuit Diagrams</b>	<b>25</b>
<b>3. Cooking Tips</b>	<b>13</b>	<b>9. Technical Data</b>	<b>27</b>
Tips on Cooking with the Timer	13		
General Oven Tips	13		
<b>4. Cooking Table</b>	<b>14</b>		
<b>5. Cleaning Your Cooker</b>	<b>15</b>		
Essential Information	15		
Hob	15		
Glide-out Grill	16		
Control Panel and Doors	17		
Ovens	17		
Cleaning Table	18		






# 1. Before You Start...

Thank you for buying this cooker. It should give you many years of trouble-free cooking if installed and operated correctly. It is important that you read this section before you start, particularly if you have not used a ceramic cooker before.

## Important!

-  **CAUTION: This appliance is for cooking purposes only. It must not be used for other purposes, for example room heating. Using it for any other purpose could invalidate any warranty or liability claim. Besides invalidating claims this wastes fuel and may overheat the control knobs.**

## Installation and Maintenance

In the UK the electrical installation should be in accordance with BS 7671. Otherwise, all installations must be in accordance with the relevant instructions in this booklet, with the relevant national and local regulations, and with the local electricity supply companies' requirements.

Make sure that the cooker is wired in and switched on.

Set the clock to make sure that all the ovens are functional – see the relevant section in this manual.

It is recommended that this appliance is serviced annually.

The cooker should be serviced only by a qualified service engineer, and only approved spare parts should be used.

Always allow the cooker to cool and then switch it off at the mains before cleaning or carrying out any maintenance work, unless specified otherwise in this guide.

## Peculiar Smells

When you first use your cooker it may give off an odour. This should stop after use.

Before using for the first time, make sure that all packing materials have been removed and then, to dispel manufacturing odours, turn the ovens to 200 °C and run for at least an hour.
















Before using the grill for the first time you should also turn on the grill and run for 30 minutes with the grill pan in position, pushed fully back, and the grill door open.

Make sure the room is well ventilated to the outside air (see 'Ventilation' below). People with respiratory or allergy problems should vacate the area for this brief period.

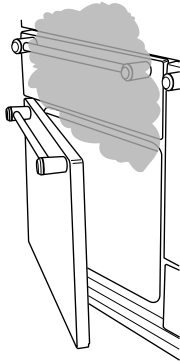
## Ventilation

The use of a cooking appliance results in the production of heat and moisture in the room in which it is installed. Therefore, make sure that the kitchen is well ventilated: keep natural ventilation holes open or install a powered cooker hood that vents outside. If you have several hotplates on, or use the cooker for a long time, open a window or turn on an extractor fan.

## Personal Safety

-  **DO NOT modify this appliance.**
-  **This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.**
-  **WARNING: The appliance and its accessible parts become hot during use and will retain heat even after you have stopped cooking. Care should be taken to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.**
-  **CAUTION: A long term cooking process has to be supervised from time to time. A short term cooking process has to be supervised continuously.**
-  **Danger of fire: DO NOT store items on the cooking surfaces.**
-  **To avoid overheating, DO NOT install the cooker behind a decorative door.**
-  **Accessible parts will become hot during use and will retain heat even after you have stopped cooking. Keep babies and children away from the cooker and never wear loose-fitting or hanging clothes while the appliance is in use.**
-  **DO NOT use a steam cleaner on your cooker.**
-  **Always be certain that the controls are in the OFF position when the oven is not in use, and before attempting to clean the cooker.**
-  **Take care when touching the marked cooking areas of the hob.**
-  **When the oven is on, DO NOT leave the oven door open for longer than necessary – otherwise, the control knobs may become very hot.**
-  **When using the grill, make sure that the grill pan is in position and pushed fully in, otherwise the control knobs may become very hot.**
-  **DO NOT use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.**
-  **Always keep combustible materials, e.g. curtains, and flammable liquids a safe distance away from your cooker.**
-  **DO NOT spray aerosols in the vicinity of the cooker while it is on.**

**Fig. 1.1**



Use dry oven gloves when applicable – using damp gloves might result in steam burns when you touch a hot surface. Do not use a towel or other bulky cloth in place of a glove – it might catch fire if brought into contact with a hot surface.

**⚠ Never operate the cooker with wet hands.**

Cooking high moisture content foods can create a 'steam burst' when the oven door is opened. When opening the oven stand well back and allow any steam to disperse (**Fig. 1.1**).

**⚠ Do not use aluminium foil to cover shelves, linings or the oven roof.**

**⚠ Never heat unopened food containers. Pressure build up may make the containers burst and cause injury.**

**⚠ DO NOT use unstable saucepans. Always make sure that you position the handles away from the edge of the hotplate.**

**⚠ Make sure to use adequately sized pans with flat bottoms that are large enough to cover the surface of the hotplate heating area.**

**⚠ The use of undersized pans will expose a portion of the surface unit to direct contact and may result in the ignition of clothing.**

**⚠ DO NOT use cooking vessels on the hotplate that overlap the edges.**

**⚠ Never leave the hotplate unattended at high heat settings. Pans boiling over can cause smoking, and greasy spills may catch on fire. Use a deep fat thermometer whenever possible to prevent fat overheating beyond the smoking point.**

**⚠ WARNING! Unattended cooking on a hob with fat or oil can be dangerous and may result in fire.**

**⚠ Never leave a chip pan unattended. Always heat fat slowly, and watch as it heats. Deep fry pans should be only one third full of fat. Filling the pan too full of fat can cause spill over when food is added. If you use a combination of oils or fats in frying, stir them together before heating, or as the fats melt.**

Foods for frying should be as dry as possible. Frost on frozen foods or moisture on fresh foods can cause hot fat to bubble up and over the sides of the pan. Carefully watch for spills or overheating of foods when frying at high or medium high temperatures. Never try to move a pan of hot fat, especially a deep fat fryer. Wait until the fat is cool.

Do not use the top of the flue (the slots along the back of the cooker) for warming plates, dishes, drying tea towels or softening butter.

**⚠ Do not use water on grease fires and never pick up a flaming pan. Turn the controls off and then smother a flaming pan on a surface unit by covering the pan completely with a well fitting lid or baking tray. If available, use a multi-purpose dry chemical or foam-type fire extinguisher.**

Take care that no water seeps into the appliance.

Only certain types of glass, glass-ceramic, earthenware or other glazed containers are suitable for hotplate cooking; others may break because of the sudden change in temperature.

- ⚠ **This appliance is heavy, so take care when moving it.**
- ⚠ **NEVER allow anyone to climb or stand on the hob.**

## Hob Care

- ⚠ **NEVER cook directly on the hob surface (Fig. 1.2).**
- ⚠ **DO NOT use the hob surface as a cutting board.**

Do not leave utensils, foodstuffs or combustible items on the hob when it is not in use (e.g. tea towels, frying pans containing oil).

- ⚠ **DO NOT place plastic or aluminium foil, or plastic containers, on the hob.**
- ⚠ **DO NOT leave the hob zones switched on unless being used for cooking.**

Do not stand or rest heavy objects on the hob. Although the ceramic surface is very strong, a sharp blow or sharp falling object (e.g. a salt cellar) might cause the surface to crack or break (Fig. 1.3).

- ⚠ **Should a crack appear in the surface, disconnect the appliance immediately from the supply and arrange for its repair.**

Always LIFT pans off the hob. Sliding pans may cause marks and scratches (Fig. 1.4). Always turn the control to the OFF position before removing a pan.

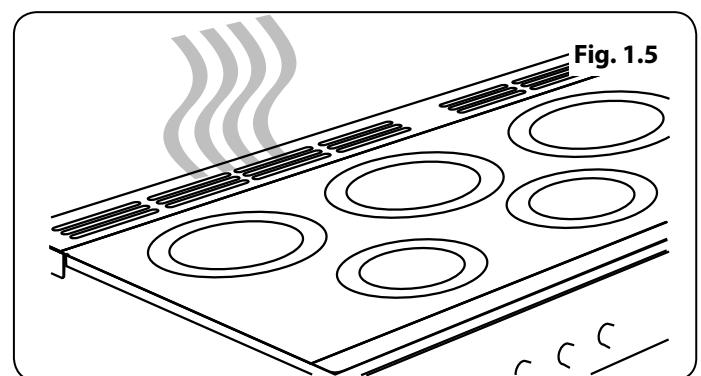
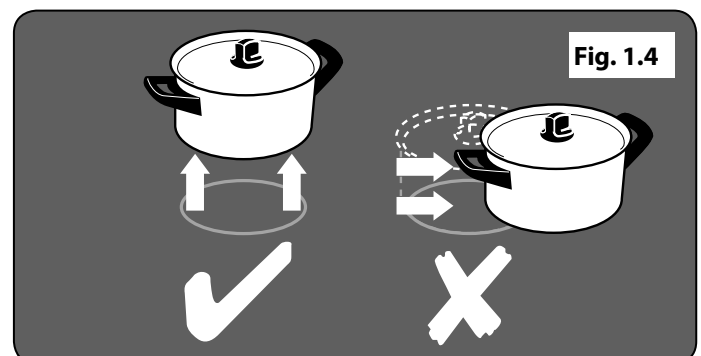
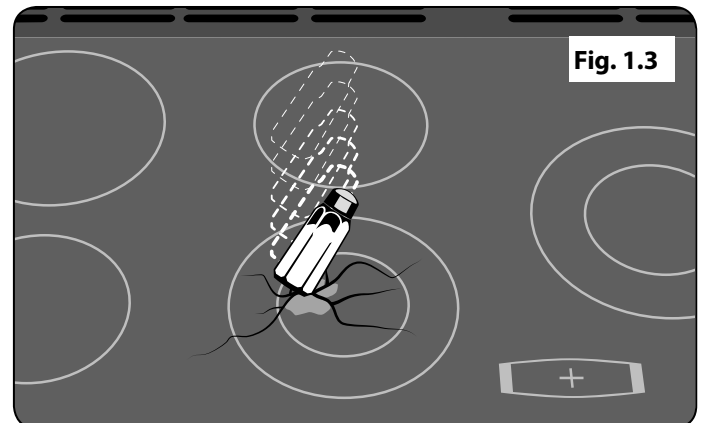
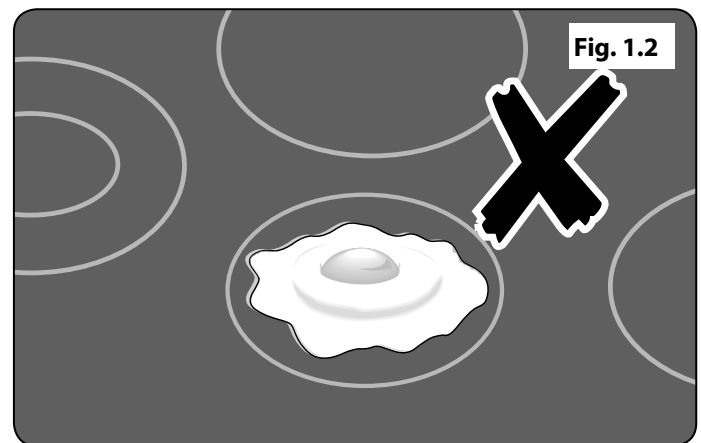
- ⚠ **Take care when placing hot lids onto the hob surface. Lids that have been covering boiling or steaming foods can 'stick' to the ceramic glass. Should this occur, DO NOT attempt to lift the lid off the hotplate: this may damage the hob surface. Instead, slide the lid to the edge of the hob surface and remove.**

**DO NOT** place anything between the base of the pan and the hob surface (e.g. asbestos mats, aluminium foil, wok stand).

- ⚠ **Take care NOT to place metallic objects such as knives, forks, spoons and lids on the hob surface since they can get hot.**
- ⚠ **The appliance is not intended to be operated by means of external timer or separated remote-control system.**

## Cooker Care

As steam can condense to water droplets on the cool outer trim of the oven, it may be necessary during cooking to wipe away any moisture with a soft cloth. This will also help to prevent soiling and discolouration of the oven exterior by cooking vapours (Fig. 1.5).



## 2. Cooker Overview

Fig. 2.1

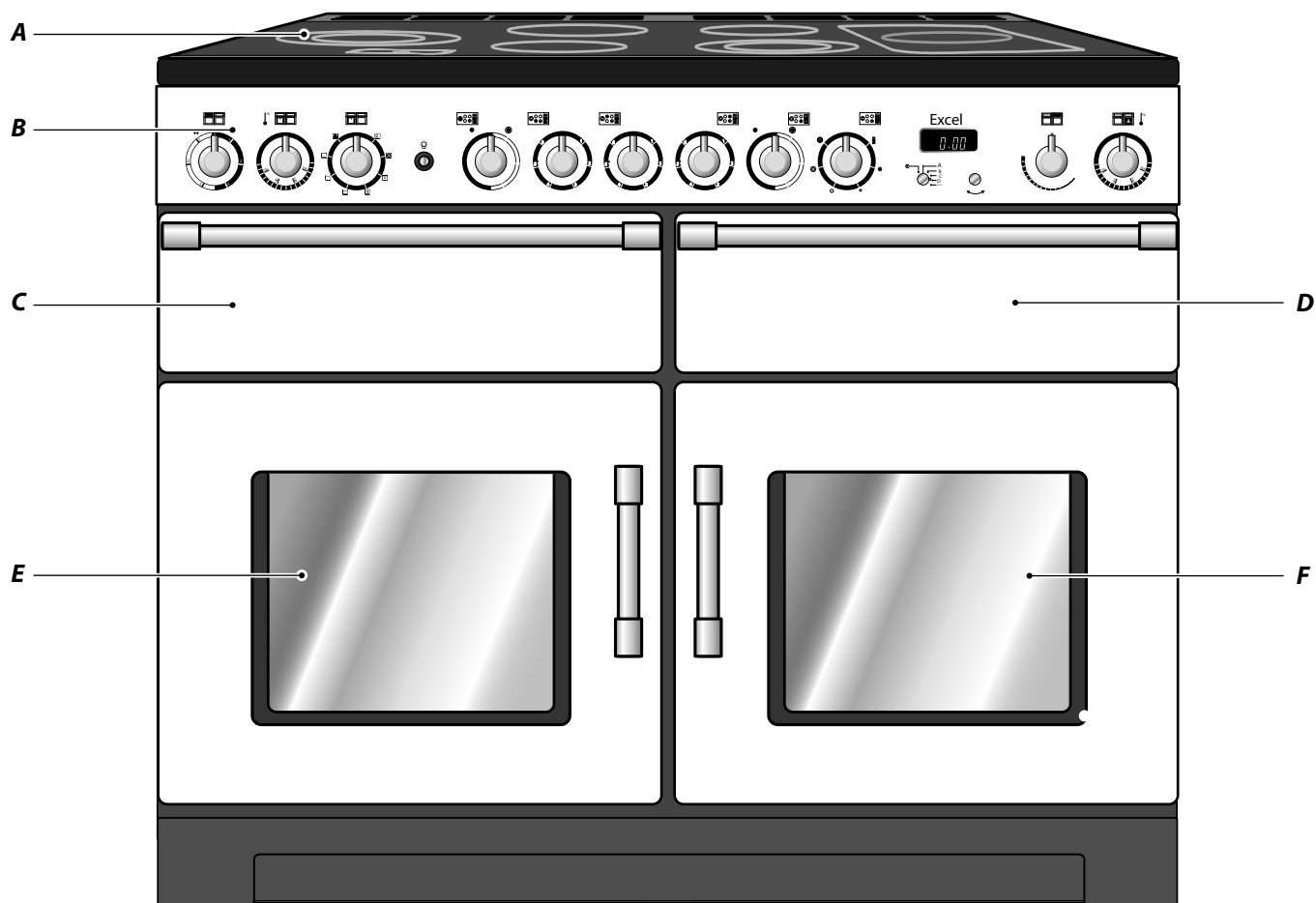


Fig. 2.2

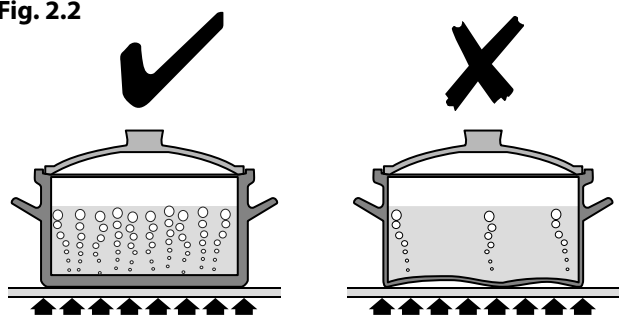
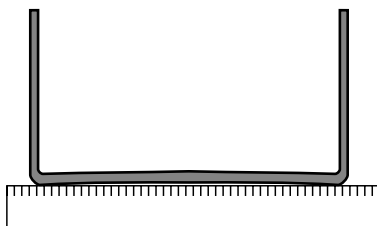


Fig. 2.3



The 110 ceramic cooker (**Fig. 2.1**) has the following features:

- A.** A ceramic hob
- B.** A control panel
- C.** A glide-out grill
- D.** A slow cook oven
- E.** A multi-function oven
- F.** A fan oven

### The Hob

Use only pans that are suitable for ceramic hobs. We recommend stainless steel and enamelled steel pans as pots and pans with copper or aluminium bases leave traces on the hob that are difficult to remove.

The kind of pan you use and the quantity of food affects the setting required. Higher settings are required for larger quantities of food.

Pots and pans should have thick, smooth, flat bottoms (**Fig. 2.2**). This allows the maximum heat transfer from the hob to the pan, making cooking quick and energy efficient. Never use a round-bottomed wok, even with a stand.



The very best pans have bases that are very slightly curved up when cold. If you hold a ruler across the bottom you will see a small gap in the middle (**Fig. 2.3**). When they heat up the metal expands and lies flat on the cooking surface.

Make sure that the base of the pan is clean and dry to prevent any residue burning onto the hob panel. This also helps prevent scratches and deposits.

Always use pans that are the same size as (or slightly larger than) the areas marked on the hob top (**Fig. 2.4**). Using smaller pans wastes heat, and any spillage will be burnt on. Using a lid will help the contents boil more quickly.

There are indicator lights for each of the cooking areas (**Fig. 2.5**). The lights come on when a hob control is turned on and stay lit while the surface cools.

**⚠ Always take care before touching the surface, even when the hob is turned off – it may be hotter than you think.**

The ratings of the different cooking areas are shown in (**Fig. 2.6**).

When cooking on the hob, you may see the hob area you are using switch off and on: this is caused by a safety device that limits the temperature of the hob. This is quite normal, especially when cooking at high temperatures. If it happens a lot with a particular pan, however, it may mean the pan is not suitable – perhaps too small or too uneven – for a ceramic hob.

### Dual Element Hob Plates

The areas marked with two concentric circles have an inner and an outer element. Rotate the control knob clockwise to heat the whole area for larger pans; turn it counter-clockwise to just heat the inner part for smaller pans (**Fig. 2.7**).

### Dual Purpose Hob/Warmer Area

On the right of the hob is a dual-purpose area (**Fig. 2.8**). The inner ring marks out a 1.2 kW hob area that can be used in the same way as all the other cooking zones on the hob. The outer line marks the extent of the Warmer.

Turn the control to the first (warmer) position to heat both ends of the area to a low temperature. The centre part of the zone will also become hot making it ideal for keeping ready cooked food in saucepans warm. Use only heat resistant dishes on the warming area.

Turn the control knob further to use the inner ring as a normal hob plate.

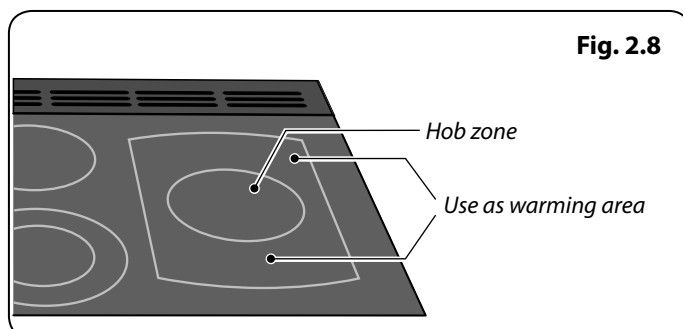
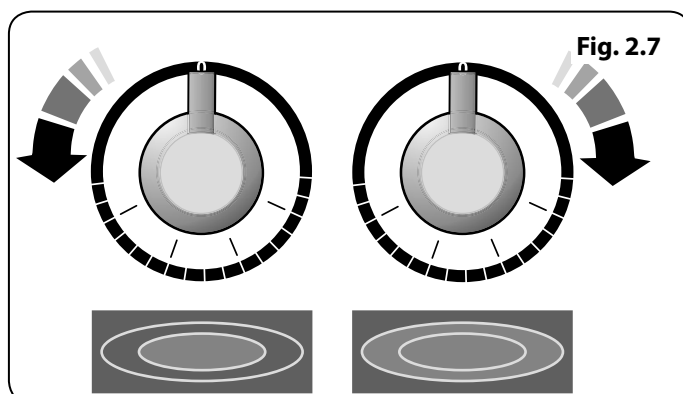
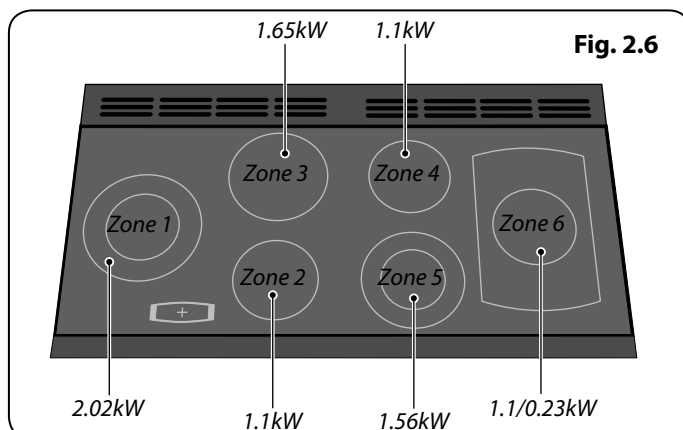
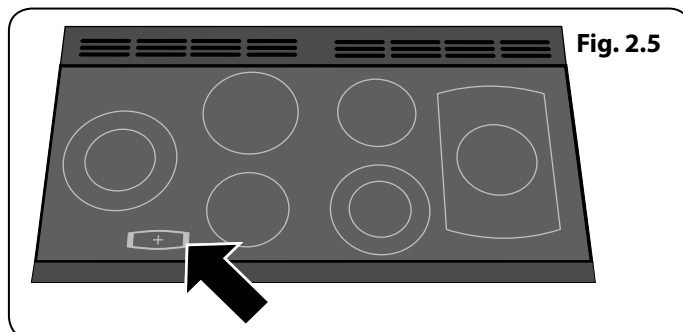
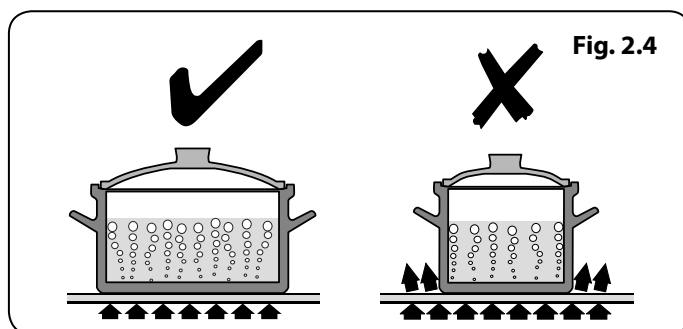


Fig. 2.9

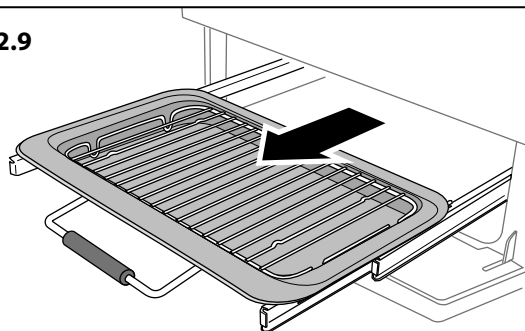


Fig. 2.10

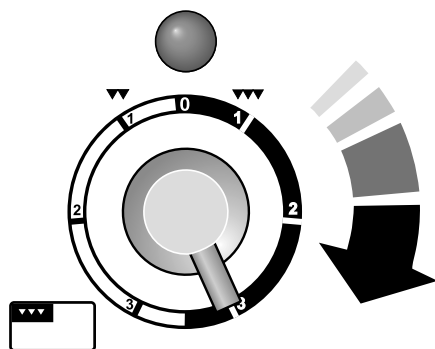
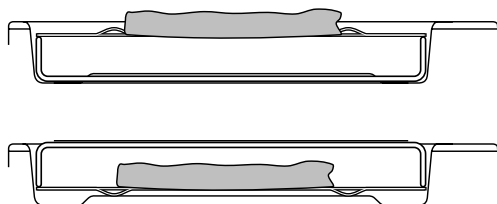


Fig. 2.11



## The Glide-out Grill

Open the door and pull the grill pan carriage forward using the handle (**Fig. 2.9**).

The grill has two elements that allow either the whole area of the pan to be heated or just the right-hand half.

Adjust the heat to suit by turning the knob. To heat the whole grill, turn the knob clockwise (**Fig. 2.10**).

To heat the right-hand half, turn the knob counter-clockwise. The neon indicator light by the grill control will come on.

For best results, slide the carriage back into the grill chamber and preheat the appropriate part(s) of the grill for two minutes. The grill trivet can be removed and the food placed on it while you are waiting for the grill to preheat.

**⚠ DO NOT leave the grill on for more than a few moments, without the grill pan underneath it, otherwise the knobs may become hot.**

Once the grill has preheated, slide the carriage out again. With the trivet back in place with the food on it, slide the carriage back into the grill chamber. Make sure that it is pushed right in.

**⚠ Accessible parts may be hot when the grill is in use. Young children should be kept away.**

The grill pan trivet can be turned over to give two grilling positions (**Fig. 2.11**).

**⚠ Never close the grill door when the grill is on.**

Function	Use
<b>Defrost</b>	To thaw small items in the oven without heat
<b>Fan oven</b>	A full cooking function, even heat throughout, great for baking
<b>Fanned grilling</b>	Grilling meat and fish with the door closed
<b>Fan assisted</b>	A full cooking function good for roasting and baking
<b>Conventional oven</b>	A full cooking function for roasting and baking in the lower half of the oven
<b>Browning element</b>	To brown and crisp cheese topped dishes
<b>Base heat</b>	To crisp up the bases of quiche, pizza or pastry

Table 2.1

## The Ovens

**The clock must be set to the time of day before the left-hand oven will work. See the following section on 'The Clock' for instructions on setting the time of day.**

*References to 'left-hand' and 'right-hand' ovens apply as viewed from the front of the appliance.*

The left-hand oven is a programmable multi-function oven, while the right-hand oven is a fan oven.

### The Multi-function Oven

Multi-function ovens have an oven fan and oven fan element, as well as two extra heating elements. One element is in the top of the oven and the second is under the oven base. Take care to avoid touching the top element and element deflector when placing or removing items from the oven.

The multi-function oven has 3 main cooking functions: **fan**, **fan assisted** and **conventional cooking**. These functions should be used to complete most of your cooking.

The **browning element** and **base heat** can be used in the latter part of the cooking process to fine tune the results to your particular requirements.

Use **fanned grilling** for all your grilling needs and **defrost** to safely thaw small items of frozen food.

**Table 2-1** gives a summary of the multi-function modes.

The multi-function oven has many varied uses. We suggest you keep a careful eye on your cooking until you are familiar with each function. Remember, not all functions will be suitable for all food types.

### Multi-function Oven Functions

#### Rapid Response



The Rapid Response setting enables you to preheat the oven faster than normal. It uses the fan oven element with additional heat from one of the elements in the top of the oven. Fan ovens heat up quickly; but the Rapid Response feature speeds this process up enabling you to start cooking sooner.

To use the Rapid Response feature, turn the function control knob to **R** and set the temperature required. The light on the control panel next to the function control will come on.

When the required temperature is reached the top element will switch off and the light will go out.

The oven temperature is then maintained by the fan oven element and fan.

Should you choose to place food into the cold oven prior to cooking while using the Rapid Response function, make sure that cakes, etc. are not positioned too near the top of the oven.

### Fan Oven



This function operates the fan and the heating element around it. An even heat is produced throughout the oven, allowing you to cook large amounts quickly.

Fan oven cooking is particularly suitable for baking on several shelves at one time and is a good 'all-round' function. It may be necessary to reduce the temperature by approximately 10°C for recipes previously cooked in a conventional oven.

If you wish to preheat the oven, wait until the indicator light has gone out before inserting the food.

#### Fanned Grilling



This function operates the fan whilst the top element is on. It produces a more even, less fierce heat than a conventional grill. For best results, place the food to be grilled, on a trivet over a roasting tin, which should be smaller than a conventional grill pan. This allows greater air circulation. Thick pieces of meat or fish are ideal for grilling in this way, as the circulated air reduces the fierceness of the heat from the grill.

The oven door should be kept closed while grilling is in progress, so saving energy.

You will also find that the food needs to be watched and turned less than for normal grilling. Preheat this function before cooking.

For best results we recommend that the grill pan is not located on the uppermost shelf.

#### Fan Assisted Oven



This function operates the fan, circulating air heated by the elements at the top and the base of the oven.

The combination of fan and conventional cooking (top and base heat) makes this function ideal for cooking large items that need thorough cooking, such as a large meat roast.

It is also possible to bake on two shelves at one time, although they will need to be swapped over during the cooking time, as the heat at the top of the oven is greater than at the base, when using this function.

This is a fast intensive form of cooking; keep an eye on the food cooking until you have become accustomed to this function.

#### Conventional Oven (Top and Base Heat)



This function combines the heat from the top and base elements. It is particularly suitable for roasting and baking pastry, cakes and biscuits.

The exposed top element may cook some foods too quickly, so we recommend that the food be positioned in the lower half of the oven to cook. The oven temperature may also need to be lowered.

Similar items being cooked will need to be swapped around for even cooking.

### Browning Element



This function uses the element in the top of the oven only. It is a useful function for the browning or finishing of pasta dishes, vegetables in sauce, shepherd's pie and lasagne, the item to be browned being already hot before switching to the top element.

### Base Heat



This function uses the base element only. It will crisp up your pizza or quiche base or finish off cooking the base of a pastry case on a lower shelf. It is also a gentle heat, good for slow cooking of casseroles in the middle of the oven or for plate warming.

The Browning and Base Heat functions are useful additions to your oven, giving you flexibility to finish off items to perfection.

### Defrost



This function operates the fan to circulate cold air only. Make sure the temperature control is at 0°C and that no heat is applied. This enables small items such as desserts, cream cakes and pieces of meat, fish and poultry to be defrosted.

Defrosting in this way speeds up the process and protects the food from flies. Pieces of meat, fish and poultry should be placed on a shelf, over a tray to catch any drips. Be sure to wash the shelf and tray after defrosting.

Defrost with the oven door closed.

Large items, such as whole chickens and joints should not be defrosted in this way. We recommend this be carried out in a refrigerator.

Defrosting should not be carried out in a warm oven or when an adjoining oven is in use or still warm.

Make sure that dairy foods, meat and poultry are completely defrosted before cooking.

### The Fan Oven

Fan ovens circulate hot air continuously, which means faster, more even cooking. The recommended cooking temperatures for a fan oven are generally lower than those for a non-fan oven.

**Note:** Please remember that all cookers vary so temperatures in your new ovens may differ to those in your previous cooker.

### The Slow Cook Oven

The Slow Cook oven is intended for slow cooking items such as casseroles, joints of meat, etc.

Your Slow Cook oven is capable of cooking a complete meal; for instance – casserole, rice pudding and jacket potatoes – or just warming the dishes (use only heat resistant dishes).

#### Points to remember when Slow Cooking:

- Preheat the oven for 20-30 minutes before starting to cook;
- Do not allow dishes to touch the heating elements either side of the oven;
- Bring casseroles, soups etc to the boil on the hob before placing into a suitable casserole for slow cooking;
- Make sure that casseroles have sufficient liquid, particularly when cooking over a long period;
- Use lids on casseroles or foil to cover food whilst it is cooking to retain moisture;
- Make sure all dishes will fit into the oven before preparing the food;
- Wrap washed and pricked jacket potatoes in foil before cooking;
- Make sure that meat and poultry reach a safe temperature of at least 90 °C before eating;
- Always thaw frozen food completely before cooking.

Your Slow Cook oven is also useful for warming plates and serving dishes (use only heat resistant dishes).

You can cook a fruitcake in the Slow oven on the maximum heat setting (if perhaps your other ovens are in use). If you are using the fan oven below the Slow Cook oven at the same time allow a little more cooking time.

You can also produce crisp, white meringues cooked in the Slow Cook oven.

Timings for cooking in the slow oven will depend upon the temperature, quantity and type of dish you are cooking, as a guide for casseroles, a minimum of 3 hours cooking time is recommended.

Keep an eye on the food until you are familiar with the oven.

## Operating the Ovens

### Fan Oven

Turn the oven knob to the desired temperature (**Fig. 2.12**).

The oven indicator light will glow until the oven has reached the temperature selected. It will then cycle on and off during cooking.

### Multi-function Oven

The multi-function oven has two controls: a function selector and a temperature setting knob (**Fig. 2.13**).

Turn the function selector control to a cooking function. Turn the oven temperature knob to the temperature required (**Fig. 2.14**).

The oven heating light will glow until the oven has reached the temperature you selected. It will then cycle on and off during cooking.

### Slow Cook Oven

The graduated temperature scale on the fascia (**Fig. 2.15**) allows you to either cook slowly for several hours (A) or all day whilst you are out (B).

For long scale cooking select the thicker end of the scale and for a shorter cooking time select the thinner end of it.

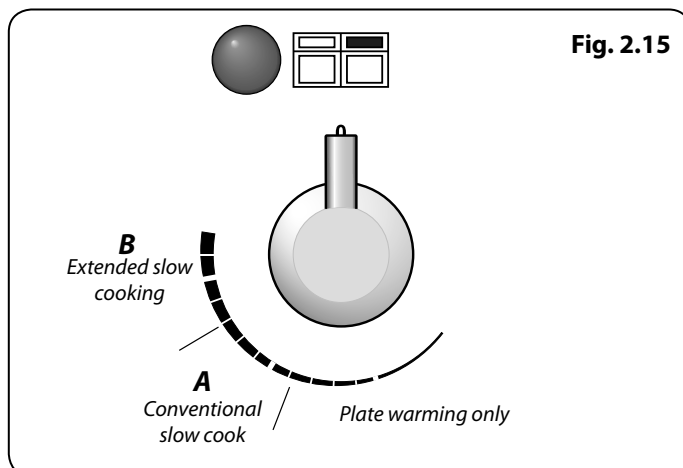
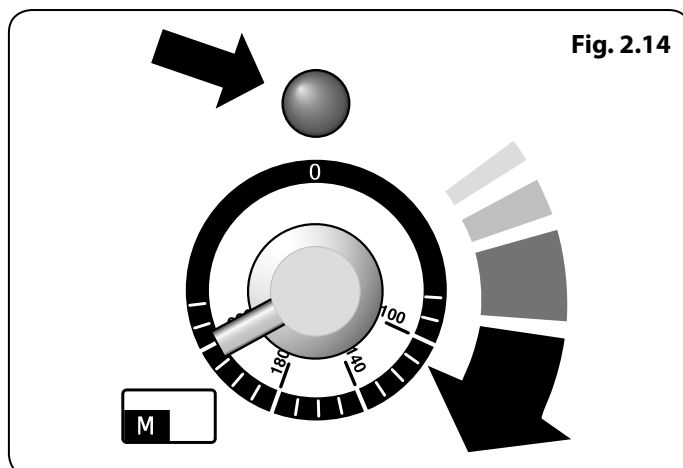
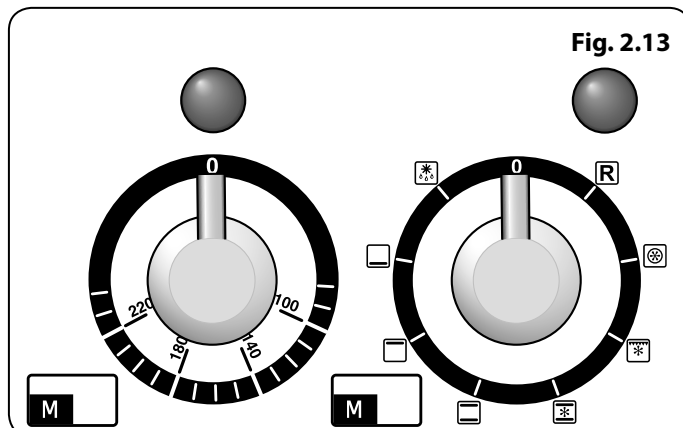
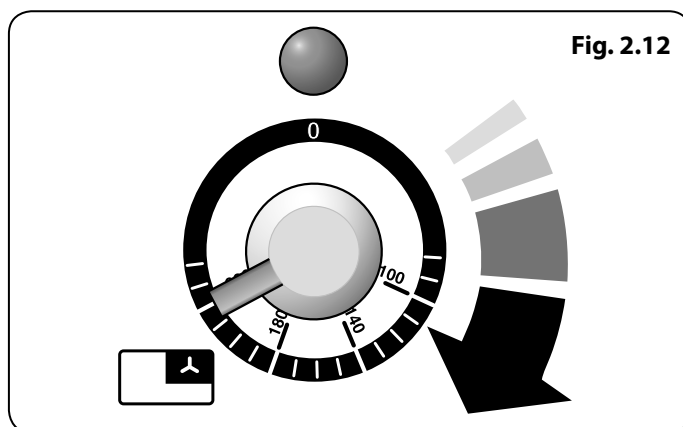
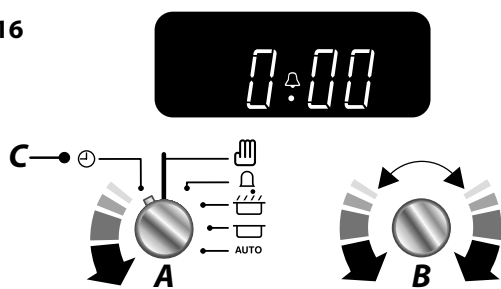


Fig. 2.16



A – Timer knob, B – Adjusting knob

Fig. 2.17

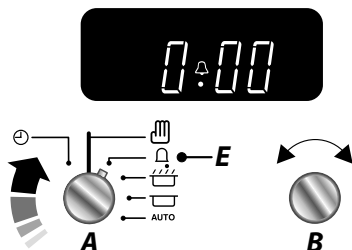


Fig. 2.18

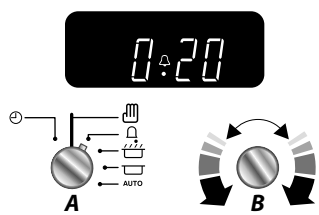


Fig. 2.19

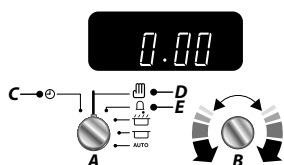


Fig. 2.20

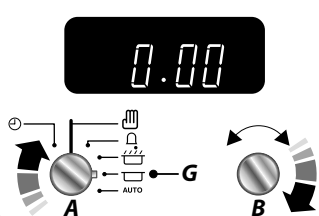


Fig. 2.21

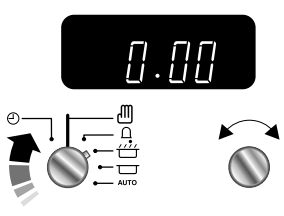


Fig. 2.22

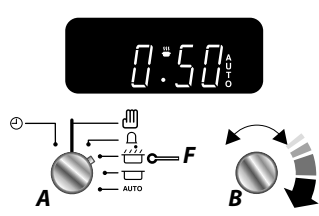
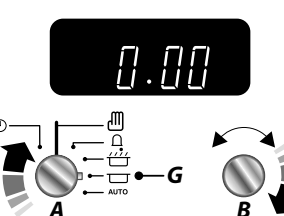


Fig. 2.23



## The Clock

### Setting the Time of Day

The 2-button LCD clock is shown in (Fig. 2.16). When the clock is first connected, the display flashes ( 0.00 ) and ( ) alternately.

To set the time, turn and hold the Timer knob to the clock symbol [⌚] and at the same time turn the Adjusting knob left or right until the clock shows the time of day. Remember this is a 24-hour clock. Let go of the Timer knob and it will spring back to the vertical, oven manual setting.

**IMPORTANT:** The left-hand oven will not operate unless the clock has been set.

### Setting the Minute Minder

To activate the minute minder turn the Timer knob to the right to the [⌚] minute minder setting – it should click into position (Fig. 2.17).

Rotate the Adjusting knob to set the time required (Fig. 2.18).

You can either turn the knob back to the vertical manual setting [⌚] to keep an eye on the time of day, or leave it in the [⌚] minute minder position as the time ticks down.

To stop the beeper when it sounds, turn the Adjusting knob counter-clockwise.

- The 'cook period', which is the length of time you want the oven to cook for.
- The 'stop time', which is the time of day you want the oven to stop cooking.

### To Stop the Oven at a Specific Time of Day

Turn the Timer knob to the [⌚] position (Fig. 2.19).

Use the Adjusting knob to set the 'stop time'. You can set the oven to turn on at any time over the following 24-hour period. AUTO shows in the display (Fig. 2.20).

Turn the Timer knob to the bottom 'AUTO' setting to return to the clock display.

Once the 'stop time' is reached, the beeper sounds. Turn the Timer knob to the vertical [⌚] to return to manual cooking.

### To Start and then Stop the Oven Using the Timer

**You cannot set a start time directly – this is set automatically by a combination of the 'cook time' and 'stop time'.**

Turn the Timer knob to the [⌚] position (Fig. 2.21).

Turn the Adjusting knob to set the 'cooking time' you need (Fig. 2.22).

Turn the Timer knob to the [⌚] position. The display will show the current time of day plus the 'cook time' you just set. Use the Adjusting knob to set the 'stop time' required (Fig. 2.23).

The 'stop time' is displayed, followed by 'AUTO'. Set the oven to the cooking temperature you need. Turn the Timer knob to the 'Auto' setting.



When your cooking is finished, the beeper sounds. Turn the Timer knob to the vertical [⌚] to return to manual cooking.

If you are out, do not worry about the beeper going off – it stops on its own after a while. When you return, turn the Timer knob to the vertical [⌚] to return to manual cooking.

## AUTO is Showing, But You Want to Revert to Manual Cooking

You can cancel any automatic settings by briefly turning the Timer knob to the clock symbol [⌚] and then releasing it.

## Key Lock

When the key lock is activated the left-hand oven is locked and will not come on.

The right-hand oven can be operated as usual.

### To Activate the Key Lock

**Make sure that the clock is in manual mode and cancel any active programs.**

Turn and hold the Timer knob to the clock symbol [⌚] for about 8 seconds. 'On' appears on the display (**Fig. 2.24**).

While still holding the Timer knob turned to the clock symbol [⌚], turn the Adjusting knob clockwise until the key symbol [🔑] and 'OF' shows on the display (**Fig. 2.25**). Release the knobs.

The left-hand oven is now locked, as is confirmed by the display showing the time of day alongside the key symbol [🔑].

When the key lock is activated, the left-hand oven is locked and will not come on (**Fig. 2.26**).

### To Turn Off the Key Lock

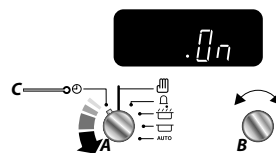
Turn and hold the Timer knob to the clock symbol [⌚] for about 8 seconds. 'OF' will appear on the display (**Fig. 2.27**).

While still holding the Timer knob turned to the clock symbol [⌚], turn the Adjusting knob clockwise until the key symbol [🔑] goes out on the display and 'On' shows (**Fig. 2.28**). Let go of the knobs.

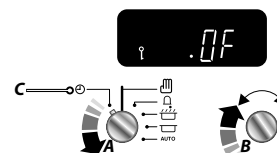
After a few seconds, the display reverts to showing the time of day.

The oven can now be used normally.

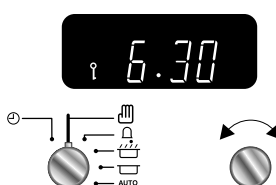
**Fig. 2.24**



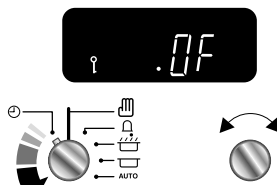
**Fig. 2.25**



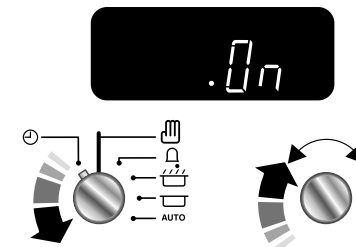
**Fig. 2.26**



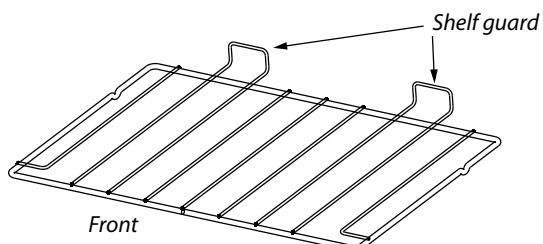
**Fig. 2.27**



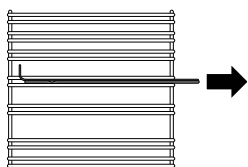
**Fig. 2.28**



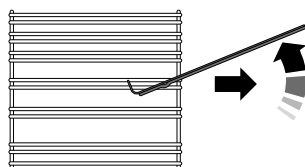
**Fig. 2.29**



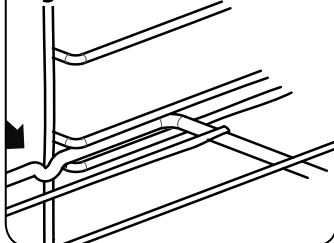
**Fig. 2.30**



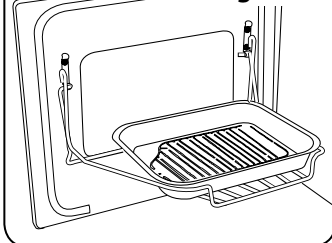
**Fig. 2.31**



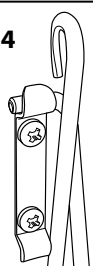
**Fig. 2.32**



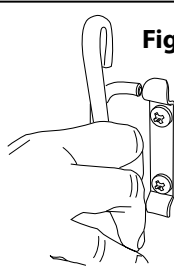
**Fig. 2.33**



**Fig. 2.34**



**Fig. 2.35**



**Fig. 2.36**



## Accessories

### Oven Shelves – Left-hand (Main) Oven

The oven shelves (**Fig. 2.29**) are retained when pulled forward but can be easily removed and refitted.

Pull the shelf forward until the back of the shelf is stopped by the shelf stop bumps in the oven sides (**Fig. 2.30**).

Lift up the front of the shelf so the back of the shelf will pass under the shelf stop and then pull the shelf forward (**Fig. 2.31**).

To refit the shelf, line up the shelf with a groove in the oven side and push the shelf back until the ends hit the shelf stop. Lift up the front so the shelf ends clear the shelf stops, and then lower the front so that the shelf is level and push it fully back (**Fig. 2.32**).

### The Handyrack (Main Oven)

The Handyrack (**Fig. 2.33**) fits to the left-hand oven door only. Food cooking on it is easy to attend to, because it is accessible when the door is open.

The maximum weight that can be held by the Handyrack is 5.5 kg (12 lb). It should only be used with the supplied roasting tin, which is designed to fit the Handyrack. Any other vessel could be unstable.

It can be fitted at two different heights. One of the oven shelves must be removed and the other positioned to suit.

When the Handyrack is used in its highest position, other dishes can be cooked on the bottom shelf position or base of the oven.

When the Handyrack is used in its lowest position, other dishes can be cooked on the second shelf position or base of the oven.

To fit the Handyrack, locate one side of it on the door bracket (**Fig. 2.34**).

Then spring the other side out to clip it onto the other bracket (**Fig. 2.35**).

### Main Oven Light

Press the button to turn the lights on (**Fig. 2.36**).




If the oven light fails, turn off the power supply before changing the bulb. See the 'Troubleshooting' section for details on how to change the bulb.

## 3. Cooking Tips

### Tips on Cooking with the Timer

If you want to cook more than one dish, choose dishes that require approximately the same cooking time. However, dishes can be 'slowed down' slightly by using small containers and covering them with aluminium foil, or 'speeded up' slightly by cooking smaller quantities or placing them in larger containers.

Very perishable foods such as pork or fish should be avoided if a long delay period is planned, especially in hot weather.

-  **DO NOT place warm food in the oven to be timed.**
-  **DO NOT use a timed oven that is already warm.**
-  **DO NOT use the timed oven if the adjoining oven is already warm.**

Whole poultry must be thoroughly defrosted before being placed in the oven. Check that meat and poultry are fully cooked before serving.

Temperature (Gas Mark)	Temperature (°C / °F)
1	140 / 275
2	150 / 300
3	160 / 325
4	175 / 350
5	190 / 375
6	205 / 400
7	220 / 425
8	230 / 450

**Table 3-1** Temperature conversion table

### General Oven Tips

The wire shelves should always be pushed firmly to the back of the oven.

Baking trays with food cooking on them should be placed level with the front edge of the oven's wire shelves. Other containers should be placed centrally. Keep all trays and containers away from the back of the oven, as overbrowning of the food may occur.

For even browning, the maximum recommended size of a baking tray is 340 mm (13½") by 340 mm (13½").

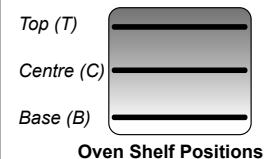
**When the oven is on, do not leave the door open for longer than necessary, otherwise the knobs may get very hot.**

- Always leave a "finger's width" between dishes on the same shelf. This allows the heat to circulate freely around them.
- To reduce fat splashing when you add vegetables to hot fat around a roast, dry them thoroughly or brush lightly with cooking oil.
- Where dishes may boil and spill over during cooking, place them on a baking tray.
- The 'Cook & Clean' oven liners (see '*Cleaning Your Cooker*') work better when fat splashes are avoided. Cover meat when cooking.
- Sufficient heat rises out of the oven while cooking to warm plates in the grill compartment.
- If you want to brown the base of a pastry dish, preheat the baking tray for 15 minutes before placing the dish in the centre of the tray.

## 4. Cooking Table

The oven control settings and cooking times given in the table below are intended to be used **AS A GUIDE ONLY**. Individual tastes may require the temperature to be altered to provide a preferred result.

Food is cooked at lower temperature in a fan oven than in a conventional oven. When using recipes, reduce the fan oven temperature by 10 °C and the cooking time by 5-10 minutes. The temperature in the fan oven does not vary with height in the oven so you can use any shelf.



T - Top; C - Centre; B - Base

Conventional Oven		Fan Oven		T - Top; C - Centre; B - Base
Food	Temperature °C (Shelf Position)	Temperature °C	Approximate Cooking Time	
Meat				
Beef (no bone)	160 (C)	150	30-35 minutes per 500g +30-35 minutes.	Thoroughly thaw frozen joints before cooking. Meat may be roasted at 220°C (210°C for fan oven) and the cooking time adjusted accordingly. For stuffed and rolled meats, add approximately 10 minutes per 500g, or cook at 200°C (190°C) for 20 minutes then 160°C (150°C) for the remainder.
	200 (C)	190	20-25 minutes per 500g +20-25 minutes.	
Lamb	160 (C)	150	30-35 minutes per 500g +30-35 minutes.	
	200 (C)	190	25-30 minutes per 500g +25-30 minutes.	
Pork	160 (C)	150	35-40 minutes per 500g +35-40 minutes.	
	200 (C)	190	25-30 minutes per 500g +25-30 minutes.	
Poultry				
Chicken	160 (C)	150	20-25 minutes per 500g +20-25 minutes.	For stuffed poultry, you could cook at 200°C (190°C) for 20 minutes then 160°C (150°C) for remainder. Do not forget to include the weight of the stuffing. For fresh or frozen prepacked poultry, follow instructions on the pack. Thoroughly thaw frozen poultry before cooking.
	200 (C)	190	15-20 minutes per 500g +15-20 minutes.	
Turkey	160 (C)	150	20 minutes per 500g +20 minutes.	
	200 (C)	190	15 minutes per 500g +15 minutes.	
Duck	160 (C)	150	25-30 minutes per 500g.	
	200 (C)	190	20 minutes per 500g.	
Casserole	140-150 (C)	130-140	2-4 hours according to recipe.	
Yorkshire Pudding	220 (C)	210	Large tins 30-35 minutes; individual 10-20 minutes.	
Cake				
Very rich fruit - Christmas, wedding, etc.	140 (C/B)	130	45-50 minutes per 500g of mixture.	Using the conventional oven: when two tier cooking leave at least one runner space between shelves. Position the baking tray with the front edge along the front of the oven shelf.
Fruit 180 mm tin	150 (C/B)	140	2-2½ hours.	
Fruit 230 mm tin	150 (C/B)	140	Up to 3½ hours.	
Madeira 180 mm	160 (C/B)	150	80-90 minutes.	
Small cakes	170 (C/B)	160	15-25 minutes.	
Scones	200 (C/B)	190	10-15 minutes.	
Victoria sandwich				
180 mm tin	170 (C/B)	160	20-30 minutes.	Up to three tiers can be cooked in a fan oven at the same time but make sure to leave at least one runner space between each shelf being cooked on.
210 mm tin	170 (C/B)	160	30-40 minutes.	
Desserts				
Shortcrust tarts	200 (C/B)	190	20-30 minutes on a preheated tray.	
Fruit pies	180 (C/B)	170	35-45 minutes.	
Tartlets	180 (C/B)	170	10-20 minutes according to size.	
Puff pastry	210 (C/B)	200	20-40 minutes according to size.	
Meringues	100 (C/B)	90	2-3 hours.	Using the conventional oven: for even browning the maximum size of baking tray recommended is 340 mm x 340 mm. This ensures free heat circulation. If cooking a two tier load, the trays should be interchanged approximately halfway though the cooking time.
Baked egg custard	160 (C/B)	150	45-60 minutes.	
Baked sponge pudding	180 (C/B)	170	40-45 minutes.	
Milk pudding	140-150 (C/B)	130-140	2 to 3 hours.	
Bread	210 (C)	200	20-30 minutes.	
Fish		Fanned Grilling		
Fillet	190 (C/B)	190 (C/B)	15-20 minutes.	
Whole	190 (C/B)	190 (C/B)	15-20 minutes per 500g.	
Steak	190 (C/B)	190 (C/B)	Steaks according to thickness.	

## 5. Cleaning Your Cooker

### Essential Information

Isolate the electricity supply before carrying out any major cleaning. Then allow the cooker to cool.

- ⚠ **NEVER** use paint solvents, washing soda, caustic cleaners, biological powders, bleach, chlorine based bleach cleaners, coarse abrasives or salt.
- ⚠ **DO NOT** mix different cleaning products – they may react together with hazardous results.
- ⚠ **All parts of the cooker can be cleaned with hot soapy water – but take care that no surplus water seeps into the appliance.**
- ⚠ **Remember to switch the electricity supply back on and reset the clock before re-using the cooker.**

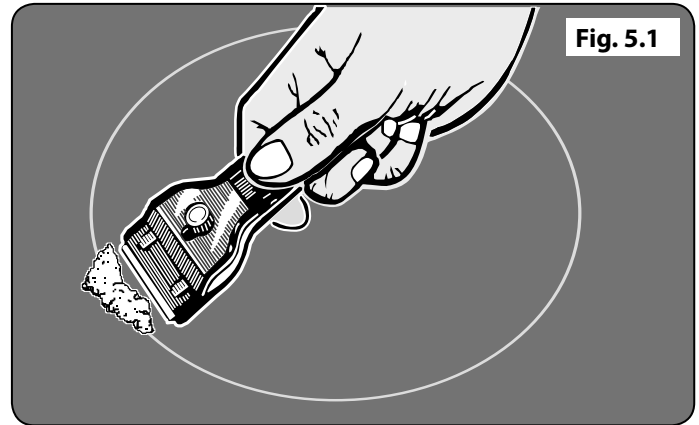


Fig. 5.1

### Hob

#### Daily Care

First of all, be sure that all heat indicator lights are off and that the cooking surface is cool. Apply a small dab of ceramic cleaning cream in the centre of each area to be cleaned. Dampen a clean paper towel and work the cream onto the cooking surface. As a final step, wipe the cooking surface with a clean, dry paper towel.

#### Cleaning Spills

For spills and boil-overs that occur while cooking, turn off the unit and wipe the area surrounding the hot zone with a clean paper towel. If a spill (other than a sugary substance) is on the hot zone, do not clean until the unit has completely cooled down, and then follow the instructions below, 'Cleaning Burned-on Spills'.

If you accidentally melt anything on the surface, or if you spill foods with a high sugar content (preserves, tomato sauce, fruit juice, etc.), remove the spill IMMEDIATELY with a razor scraper, while the unit is still hot.

**IMPORTANT:** Use an oven glove to protect your hand from potential burns.

Scrape the major spill or melted material from the cooking zone and push into a cold area. Then, turn the unit 'OFF' and allow it to cool before cleaning further. After the cooking surface cools down and the heat indicator lights go off, follow the 'Daily Care' procedure outlined above.

- ⚠ **DO NOT** use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.

Fig. 5.2

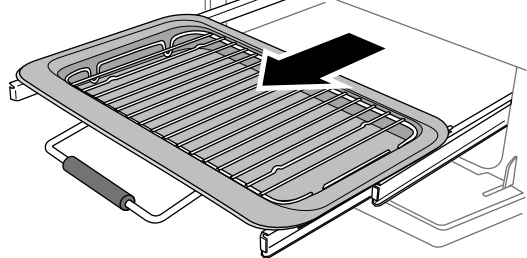


Fig. 5.3

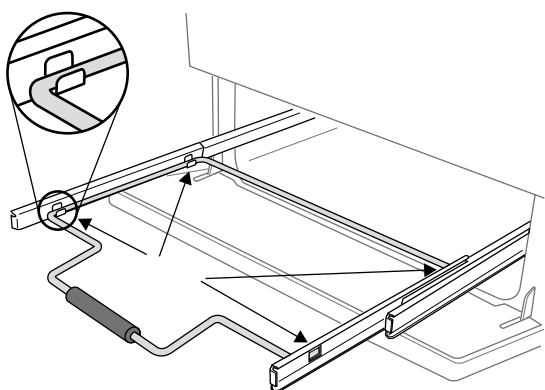


Fig. 5.4

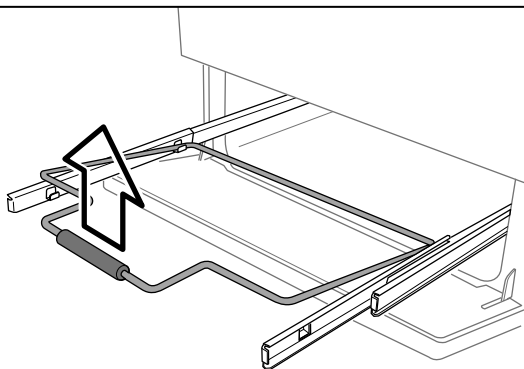


Fig. 5.5

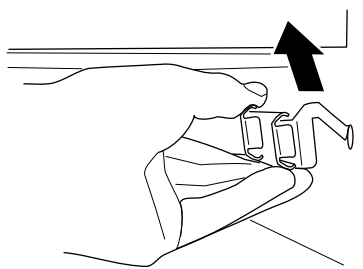
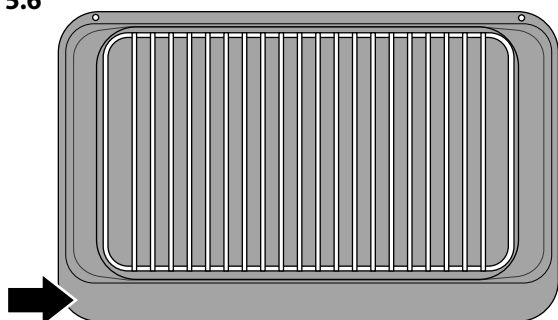


Fig. 5.6



## Cleaning Burned-on Spills

Make sure that the heat indicator lights are off and that the hob is cool. Remove the excess burned-on substance with a single-edged razor scraper. Hold the scraper at an angle of about 30° to the surface and then scrape off the burned-on matter (**Fig. 5.1**).

Once you have removed as much as possible with the scraper, follow the 'Daily Care' procedure outlined above.

## To Remove Metal Rub-off

Sliding pans on the hob – especially aluminium or copper pans – can leave marks on the surface. These marks often appear like scratches, but can easily be removed using the procedure described previously for 'Cleaning Spills'. If the rub-off marks are especially stubborn, use a cleaning cream together with the razor scraper, as described in 'Cleaning Burned-on Spills'.

## Glide-out Grill

**⚠ Before you remove any of the grill parts for cleaning, make sure that they are cool, or use oven gloves.**

The grill pan and trivet should be washed in hot soapy water. Alternatively, the grill pan can be washed in a dishwasher.

After grilling meats or any foods that soil, leave to soak for a few minutes immediately after use. Stubborn particles may be removed from the grid using a nylon brush.

The grill pan can be easily removed for cleaning as follows:

Remove the grill pan support frame by pulling the grill pan forward (**Fig. 5.2**).

Lift the grill pan clear of the support frame. The support frame is held to the side rails by two clips on each side (**Fig. 5.3**).

For each side, support the side rail with one hand and with the other hand lift the frame up and out of the side clips (**Fig. 5.4**).

For safety's sake, push the side rails back into the grill chamber.

If you need to remove the side rails to allow cleaning of the grill chamber, you can unhook them from the grill chamber sides (**Fig. 5.5**) and wipe the sides clean with a soft cloth and mild detergent.

**DO NOT put the side runners in a dishwasher.**

Once you have finished, hook the side rails back onto the sides of the chamber. To refit the frame, pull the side rails forward and, for each side in turn, support the side rail and press the frame down into the side rails. Replace the grill pan. When refitting the grill pan, make sure that the wide rim is at the front (**Fig. 5.6**).



## Control Panel and Doors

Avoid using any abrasive cleaners, including cream cleaners, on the control panel. For best results, use a liquid detergent.

The same cleaner can also be used on the doors. Alternatively, use a soft cloth wrung out in clean hot soapy water. You can use the same method for cleaning the control panel and knobs. After cleaning, polish with a dry cloth.

### Glass Fronted Door Panels

The oven door front panels can be taken off so that the glass panels can be cleaned. Move the cooker forward to gain access to the sides (see the 'Moving the Cooker' section under 'Installation').

Open the oven door slightly and remove the front panel fixing screws from the door sides, two each side (**Fig. 5.7**).

Carefully lift off the outer door panel. The inside face of the glass panels can now be cleaned – take care not to disturb or wet the door insulation.

**Note:** If the door is triple glazed then the inner two panels are fixed together and should not be separated.

After cleaning, carefully refit the outer door panel and replace the side fixing screws.

**⚠ DO NOT use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.**

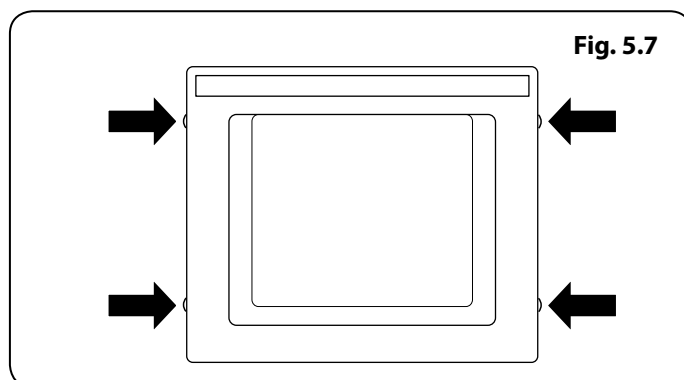


Fig. 5.7

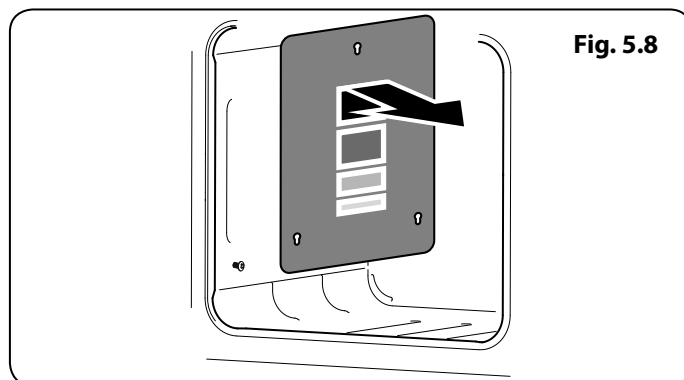


Fig. 5.8

## Ovens

### 'Cook & Clean' Panels

The ovens have side 'Cook & Clean' panels which have been coated with a special enamel that partly cleans itself. This does not stop all marks on the lining, but helps to reduce the amount of manual cleaning needed.

These panels work better above 200°C. If you do most of your cooking below this temperature, occasionally remove the panels and wipe with a lint free cloth and hot soapy water. The panels should then be dried and replaced and the oven heated at 200°C for about one hour. This will make sure the 'Cook & Clean' panels are working effectively.

**Do not use steel wool, oven cleaning pads, or any other materials that will scratch the surface.**

### Removing the Oven Linings

Some of the lining panels can be removed for cleaning.

If you wish to clean the enamel interior of the oven, you will need to remove the shelves before removing the 'Cook & Clean' panels. To remove the side panels, simply lift the panel and slide forwards. (**Fig. 5.8**).

Once the panels have been removed, the oven enamel interior can be cleaned.

Refit in the reverse order.

## Cleaning Table

Cleaners listed (**Table 5-1**) are available from supermarkets or electrical retailers as stated.

For enamelled surfaces use a cleaner that is approved for use on vitreous enamel.

Regular cleaning is recommended. For easier cleaning, wipe up any spillages immediately.

<b>Hotplate</b>		
<b>Part</b>	<b>Finish</b>	<b>Recommended Cleaning Method</b>
Hob top	Enamel or stainless steel	Hot soapy water, soft cloth. Any stubborn stains remove gently with a nylon scourer.
Ceramic/induction hob	Toughened glass	Hot soapy water; cream cleaner/scourer if necessary.
Griddle plate (some models only)	Non-stick surface	Allow to cool. Wash in hot soapy water. Do not use abrasive cleaners/scourers. Dishwasher.
Warming zone (some models only)	Toughened glass	Hot soapy water, cream cleaner/scourer if necessary.
<b>Outside of Cooker</b>		
<b>Part</b>	<b>Finish</b>	<b>Recommended Cleaning Method</b>
Door, door surround and storage drawer exterior	Enamel or paint	Hot soapy water, soft cloth. Any stubborn stains, remove gently with a liquid detergent.
	Stainless steel	E-cloth ( <i>electrical retailers</i> ) or microfibre all-purpose cloth ( <i>supermarket</i> ).
Sides and plinth	Painted surface	Hot soapy water, soft cloth.
Splashback/rear grille	Enamel or stainless steel	Hot soapy water, soft cloth. Cream cleaner, with care, if necessary.
Control panel	Paint, enamel or stainless steel	Warm soapy water. Do not use abrasive cleaners on lettering.
Control knobs/handles & trims	Plastic/chrome, copper or lacquered brass	Warm soapy water, soft cloth.
	Brass	Brass polish.
Oven door glass/glass lid (some models only)	Toughened glass	Hot soapy water, cream cleaner/scourer if necessary.
<b>Oven and Grill</b>		
<b>Part</b>	<b>Finish</b>	<b>Recommended Cleaning Method</b>
Sides, floor & roof of oven <b>NOT</b> 'COOK & CLEAN' OVEN PANELS (see below)	Enamel	Any proprietary oven cleaner that is suitable for enamel. CAUTION: CORROSIVE/CAUSTIC OVEN CLEANERS: FOLLOW MANUFACTURER'S INSTRUCTIONS. Do not allow contact with the oven elements.
'Cook & Clean' oven panels (some models only)	Special enamel that partly cleans itself	This surface cleans itself at 200 °C and above, or the panels can be removed and washed with hot soapy water and a nylon brush.
Oven shelves, Handyrack, grill trivet, Handygrill rack (some models only)	Chrome	An oven interior cleaner that is suitable for chrome. Soap filled pad. Dishwasher.
Grill pan/meat tin (some models only)	Enamel	Hot soapy water. Soap filled pad. Dishwasher.

**Table 5.1**

## 6. Troubleshooting

---

**⚠ Interference with and repairs to the hob MUST NOT be carried out by unqualified persons. Do not try to repair the hob as this may result in injury and damage to the hob. Please arrange for repair by a suitably competent person.**

### **A crack has appeared in the hob surface**

Disconnect the cooker immediately from the power supply and arrange for its repair. DO NOT use the cooker until after the repair.

### **My hob is scratched**

Always use the cleaning methods recommended in this guide and make sure that the pan bottoms are smooth and clean.

Marks from mineral deposits from water or food can be removed with a cleaning cream. However, tiny scratches are not removable but will become less visible in time as a result of cleaning.

### **The oven fan is noisy**

The note of the oven fan may change as the oven heats up – this is perfectly normal.

### **Grill not cooking properly**

Are you using the pan and trivet supplied with the cooker? Is the pan being used on the runners, not the floor of the compartment? Is the grill tray pushed back fully to the 'back stop' position?

### **The knobs get hot when I use the oven or grill. Can I avoid this?**

Yes, this is caused by heat rising from the oven or the grill, and heating them up. Do not leave the oven door open. Make sure that the grill pan is pushed right back to the 'back stop' when grilling.

Always grill with the grill compartment door open.

### **If there is an installation problem and I don't get my original installer to come back to fix it, who pays?**

You do. Service organisations will charge for their call-outs if they are correcting work carried out by your original installer. Therefore, it is in your own interest to keep track of this installer so that you can contact them as required.

### **Power failure**

In the event of a failure in the electrical supply, remember to reset the clock to make sure that the timed oven continues to operate.

### **Food is cooking too slowly, too quickly, or burning**

Cooking times may differ from your previous oven. Check that you are using the recommended temperatures and shelf positions – see the oven cooking guide. Then adjust the settings according to your own individual tastes.

### **The oven is not cooking evenly**

Do not use a baking tray with dimensions larger than those specified in the section on 'General Oven Tips'.

If you are cooking a large item, be prepared to turn it round during cooking.

If two shelves are used, check that space has been left for the heat to circulate. When a baking tray is put into the oven, make sure that it is placed centrally on the shelf.

Check that the door seal is not damaged and that the door catch is adjusted so that the door is held firmly against the seal.

A dish of water when placed on the shelf should be the same depth all over. (For example, if it is deeper at the back, then the back of the cooker should be raised up or the front lowered.) If the cooker is not level, arrange for your supplier to level it for you.

### **The timed oven is not coming on when turned on manually**

Is the power on? Is the clock illuminated? If not, there may be something wrong with the power supply. Is the cooker supply on at the isolator switch?

Has the time of day been set?

Is the key symbol [🔒] showing in the display to signify that the oven is locked? See the 'Clock' section of the instructions for more information on the key lock feature.

### **The timed oven is not coming on when automatic cooking**

Has the oven knob been left in the OFF position by mistake? Is the oven locked (see above)?

### **Oven temperature getting hotter as the cooker gets older**

If turning the temperature down using the oven control knob has not worked, or has only worked for a short time, then you may need a new thermostat. This should be fitted by a service person.

### The oven light is not working

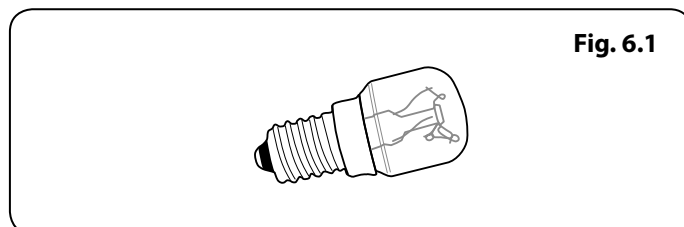
The bulb has probably blown. You can buy a replacement bulb (which is not covered under the guarantee) from most electrical stores. Ask for an Edison screw fitting 15W 230V lamp, FOR OVENS (**Fig. 6.1**). It must be a special bulb, heat resistant to 300°C.

Before removing the existing bulb, turn off the power supply and make sure that the oven is cool. Open the oven door and remove the oven shelves.

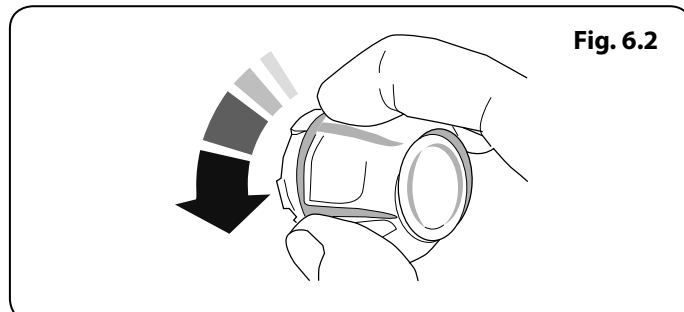
Locate the bulb cover and unscrew it by turning it counter-clockwise – it may be very stiff (**Fig. 6.2**).

Taking care to protect your fingers with a glove in case the bulb should shatter, unscrew the old bulb.

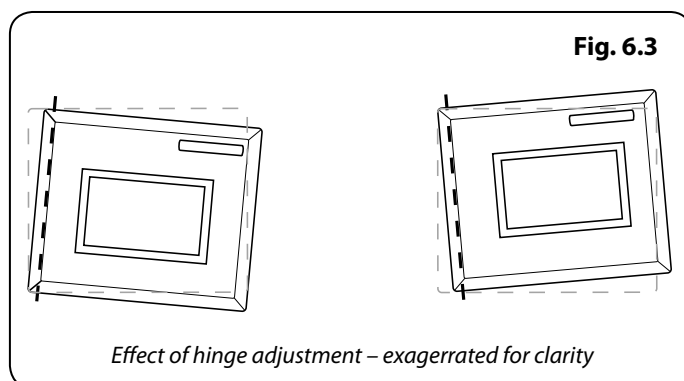
Screw in the new bulb clockwise and then screw the bulb cover back on. Turn on the electricity supply and check that the bulb now lights.



**Fig. 6.1**



**Fig. 6.2**

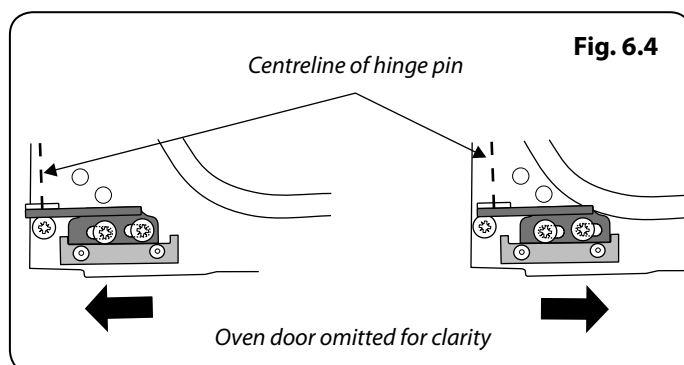


**Fig. 6.3**

### The oven door is misaligned

The bottom hinge of either oven door can be adjusted to alter the angle of the door (**Fig. 6.3**). Loosen the bottom hinge fixing screws and use the notch and a flat bladed screwdriver to move the position of the hinge to set the hinge position (**Fig. 6.4**).

Retighten the hinge screws.



**Fig. 6.4**

## INSTALLATION

Check the appliance is electrically safe when you have finished.

# 7. Installation

## Dear Installer

Before you start your installation, please complete the details below, so that, if your customer has a problem relating to your installation, they will be able to contact you easily.

<b>Installer's Name</b>
<b>Installer's Company</b>
<b>Installer's Telephone Number</b>
<b>Appliance Serial Number</b>

## Safety Requirements and Regulations

- ⚠** This cooker must be installed in accordance with the relevant instructions in this booklet, with the relevant national and local regulations, and with the local electricity supply companies' requirements.
- ⚠** The appliance must be installed in accordance with the regulations in force and only in a wellventilated space.
- ⚠** Read these instructions before installing or using the appliance.

## Provision of Ventilation

This appliance is not connected to a combustion products evacuation device. Therefore, particular attention must be given to the relevant requirements regarding ventilation.

All rooms require a window that can be opened, or equivalent, while some rooms require a permanent vent in addition to the window.

## Location of Cooker

The cooker may be installed in a kitchen/kitchen diner but NOT in a room containing a bath or shower.

This appliance is designed for domestic cooking only. Use for any other purpose could invalidate any warranty or liability claim.

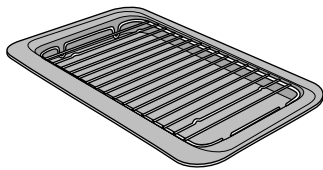
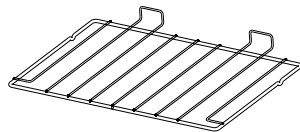
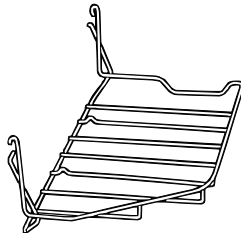
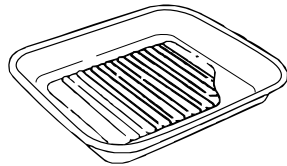
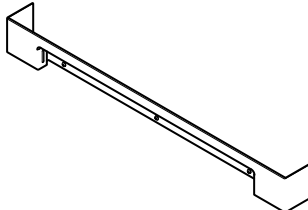
**You will need the following equipment to complete the cooker installation satisfactorily:**

- Multimeter (for electrical checks).

**You will also need the following tools:**

1. Steel tape measure
2. Cross-head screwdriver
3. Flat-bladed screwdriver
4. Spirit level
5. Pencil
6. Adjustable spanner
7. 13 mm spanner or socket wrench

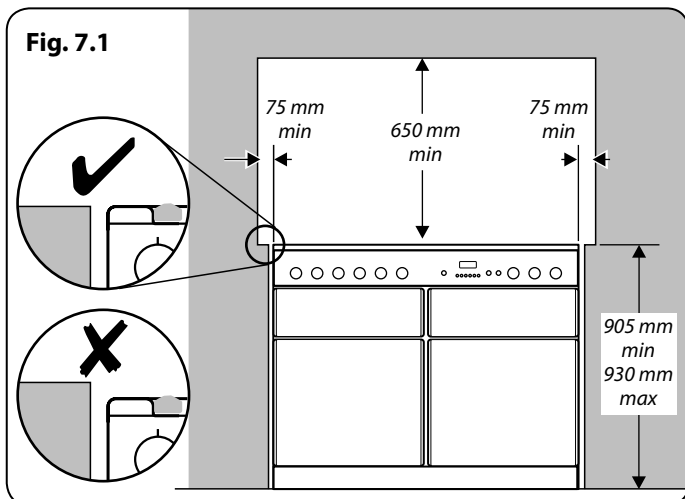
**Checking the parts:**

<i>Grill pan &amp; trivet</i>	<i>4 oven shelves</i>
	
<i>Handyrack</i>	<i>Roasting tin</i>
	
<i>2-piece plinth</i>	
	

## INSTALLATION

Check the appliance is electrically safe when you have finished.

Fig. 7.1



## Positioning the Cooker

Fig. 7.1 and Fig. 7.2 shows the minimum recommended distance from the cooker to nearby surfaces.

The cooker should not be placed on a base.

The hotplate surround should be level with, or above, any adjacent work surface. A gap of 75 mm should be left between each side of the cooker **ABOVE** the hotplate level and any adjacent vertical surface.

For non-combustible surfaces (such as unpainted metal or ceramic tiles), this can be reduced to 25 mm.

A minimum space of 650 mm is required between the top of the hob and a horizontal combustible surface.

*\*Any cookerhood should be installed in accordance with the hood manufacturer's instructions.*

*\*\*Any splashback must be fitted in accordance with the manufacturers instructions. Allowance should be made for the additional height of the flue trim, which is fitted to the cooker hob.*

Surfaces of furniture and walls at the sides and rear of the appliance should be heat, splash and steam resistant. Certain types of vinyl or laminate kitchen furniture are particularly prone to heat damage and discolouration. We cannot accept responsibility for damage caused by normal use of the cooker to any material that de-laminates or discolours at temperatures less than 65 °C above room temperature.

We recommend a gap of 1110 mm between units to allow for moving the cooker. Do not box the cooker in – it must be possible to move the cooker in and out for cleaning and servicing.

If the cooker is near a corner of the kitchen, a clearance of 130 mm is required, to allow the oven doors to open (Fig. 7.3). The actual opening of the doors is slightly less, but this allows for some protection of your hand as you open the door.

Fig. 7.2

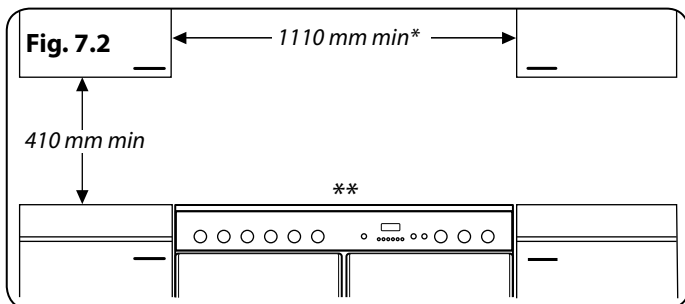


Fig. 7.3

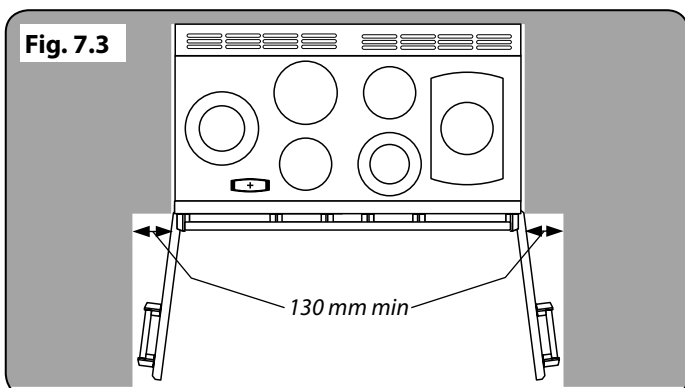
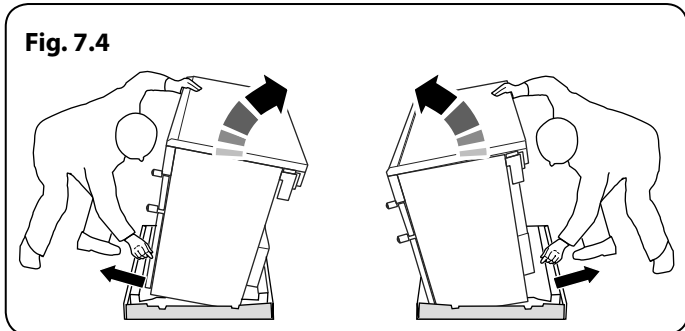


Fig. 7.4



## Moving the Cooker

**⚠ On no account try and move the cooker while it is plugged into the electricity supply.**

**⚠ The cooker is very heavy, so take great care.**

We recommend two people manoeuvre the cooker. Make sure that the floor covering is firmly fixed, or removed to prevent it being disturbed when moving the cooker around.

Remove the polystyrene base pack. From the front, tilt the cooker backwards and remove the front half of the polystyrene base (Fig. 7.4). Repeat from the back and remove the rear half of the polystyrene base.



## INSTALLATION

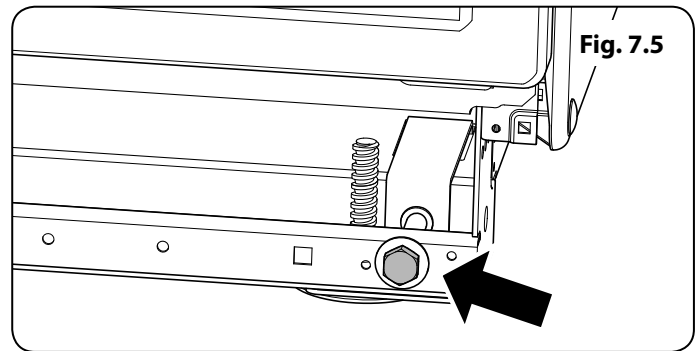
**Check the appliance is electrically safe when you have finished.**

### Lowering the Two Rear Rollers

To adjust the height of the rear of the cooker, first fit a 13 mm spanner or socket wrench onto the hexagonal adjusting nut (**Fig. 7.5**).

Rotate the nut – clockwise to raise – counter-clockwise to lower. Make 10 complete (360°) turns clockwise.

Make sure you lower BOTH REAR ROLLERS.



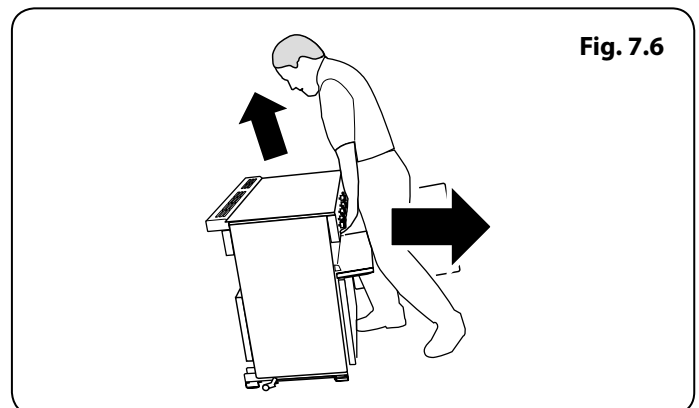
### Completing the Move

Unfold the rear edge of the cardboard base tray. Open the grill door and right-hand oven door so that you can get a good grip on the bottom of the fascia panel as you move the oven (**Fig. 7.6**).

Carefully push the cooker backwards off the base tray. Remove the base tray.

Position the cooker close to its final position, leaving just enough space to get behind it (**Fig. 7.7**).

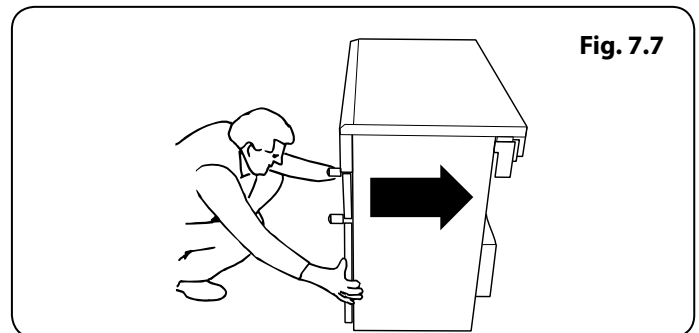
**⚠ DO NOT use the door handles or control knobs to manoeuvre the cooker.**



### Repositioning the Cooker Following Connection

If you need to move the cooker once it has been connected, make sure it is switched off at the supply switch before gripping under the fascia panel and lifting the front of the cooker slightly (**Fig. 7.6**). Check behind the cooker to make sure that the electricity cable is not caught. As you progress, always make sure that the cable has sufficient slack to allow the cooker to move.

When you replace the cooker, check behind it again once more to make sure that the electricity cable is not caught or trapped.



### Levelling

Place the cooker in its intended position. Take care not to twist it within the gap between the kitchen units, as otherwise, damage may occur to the cooker or units.

There are two screw-down feet at the front and two levelling rollers at the rear, which can be used to adjust the height and level of the cooker.

It is recommended that you use a spirit level on a shelf in one of the ovens to check for level.

## INSTALLATION

Check the appliance is electrically safe when you have finished.

### Current Operated Earth Leakage Breakers

The combined use of your cooker and other domestic appliances may cause nuisance tripping, so we recommend that the cooker is protected on an individual RCD (Residual Current Device) or RCBO (Residual Current Breaker with Overload).

**IF IN DOUBT, PLEASE CONSULT A SUITABLY QUALIFIED ELECTRICIAN.**

Fig. 7.8

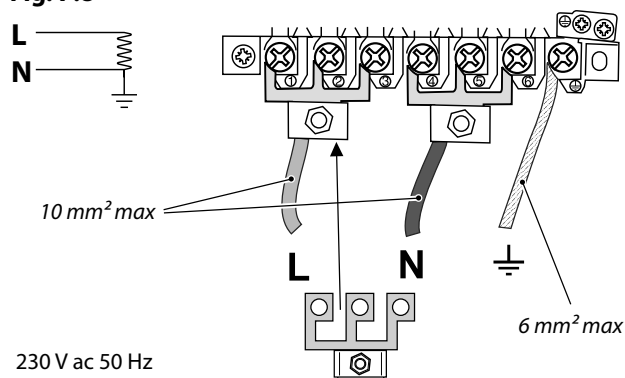


Fig. 7.9

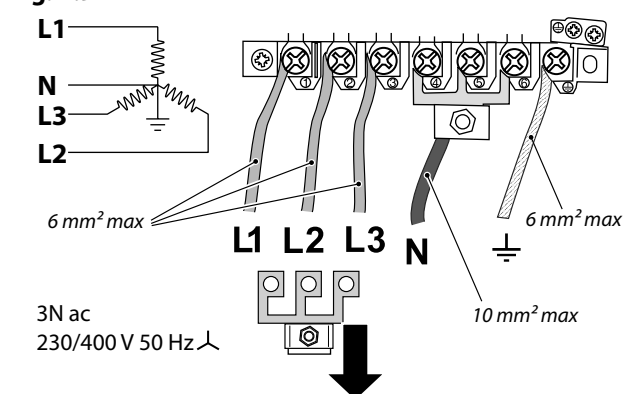


Fig. 7.10

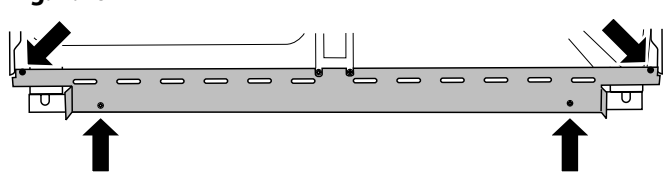
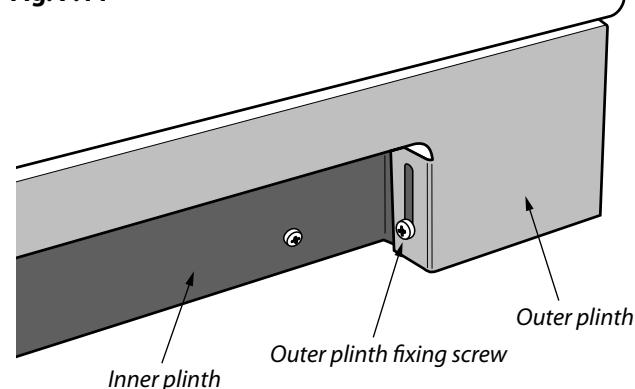


Fig. 7.11



## Electrical Connection

The cooker must be installed by a qualified electrician, in accordance with all relevant British Standards/Codes of Practice (in particular BS 7671), or with the relevant national and local regulations.

### ⚠ WARNING: THE APPLIANCE MUST BE EARTHED.

**Note:** The cooker must be connected to the correct electrical supply as stated on the voltage label on the cooker, through a suitable cooker control unit incorporating a double-pole switch, having a contact separation of at least 3 mm in all poles.

### ⚠ The cooker **MUST** not be connected to an ordinary domestic power point.

Access to the mains terminal is gained by removing the electrical terminal cover box on the back panel. Connect the mains cable to the correct terminals for your electrical supply type (**Fig. 7.8** and **Fig. 7.9**). Check that the links are correctly fitted and that the terminal screws are tight. Secure the mains cable using the cable clamp.

## Final Checks

### Hob Check

Check each cooking zone in turn. Be sure to use pans of the correct size and material.

### Grill Check

Turn on the grill control and check that the grill heats up.

### Oven Check

Set the clock as described earlier, and then turn on the ovens. Check the oven fans start to turn and that the ovens heat up.

## Fitting the 2-piece Plinth

Fit the inner plinth to the bottom front of the cooker using the 4 screws provided (**Fig. 7.10**).

Fit the outer plinth (2 screws, 1 each end) to the inner plinth. The height of the outer plinth can be adjusted by sliding it up or down via the slotted hole (**Fig. 7.11**).

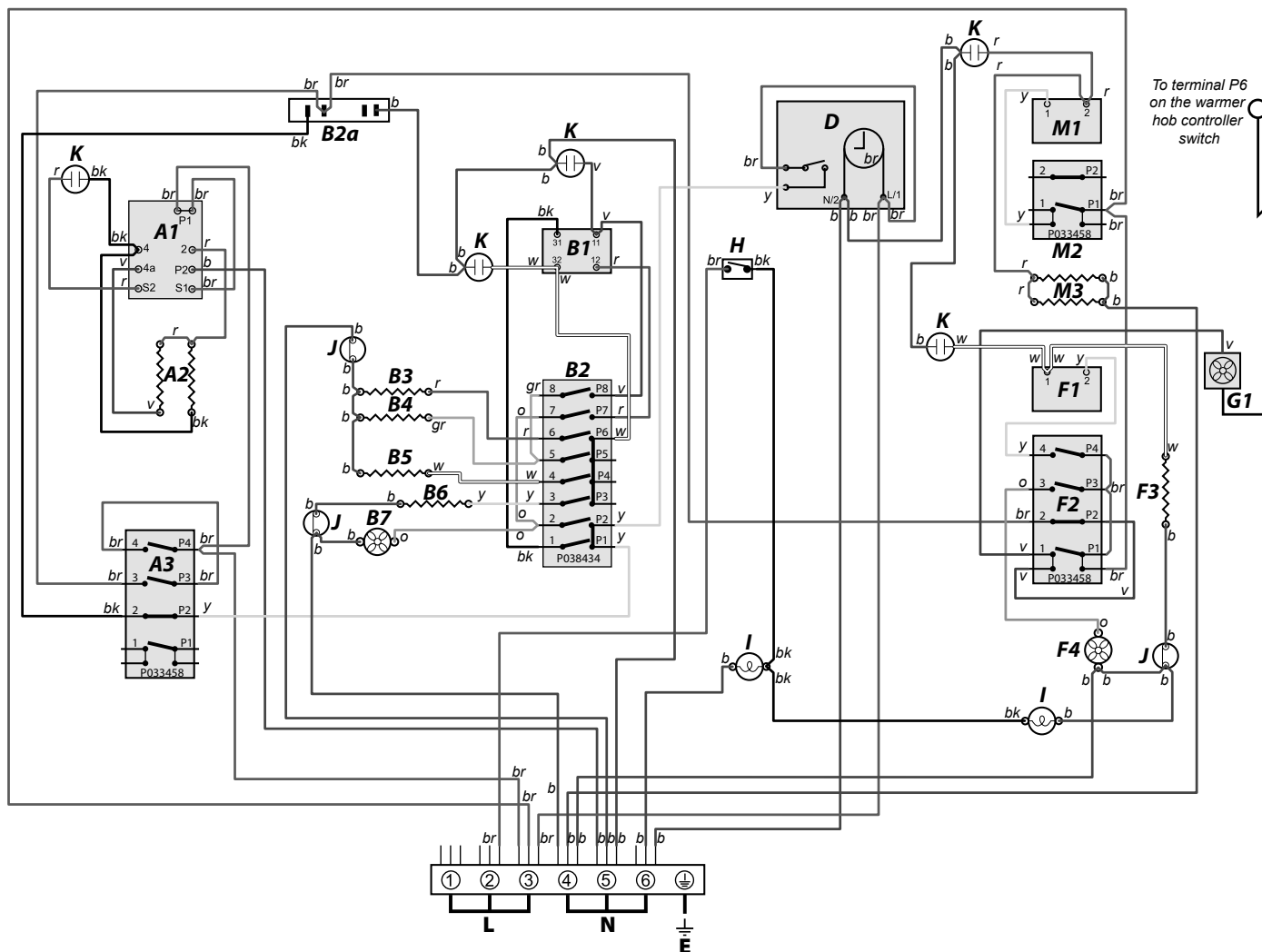
## Customer Care

**Installer:** Please complete your details in this guide, inform the user how to operate the cooker and hand over the instructions.

**Thank you.**

## 8. Circuit Diagrams

### Oven



#### Key

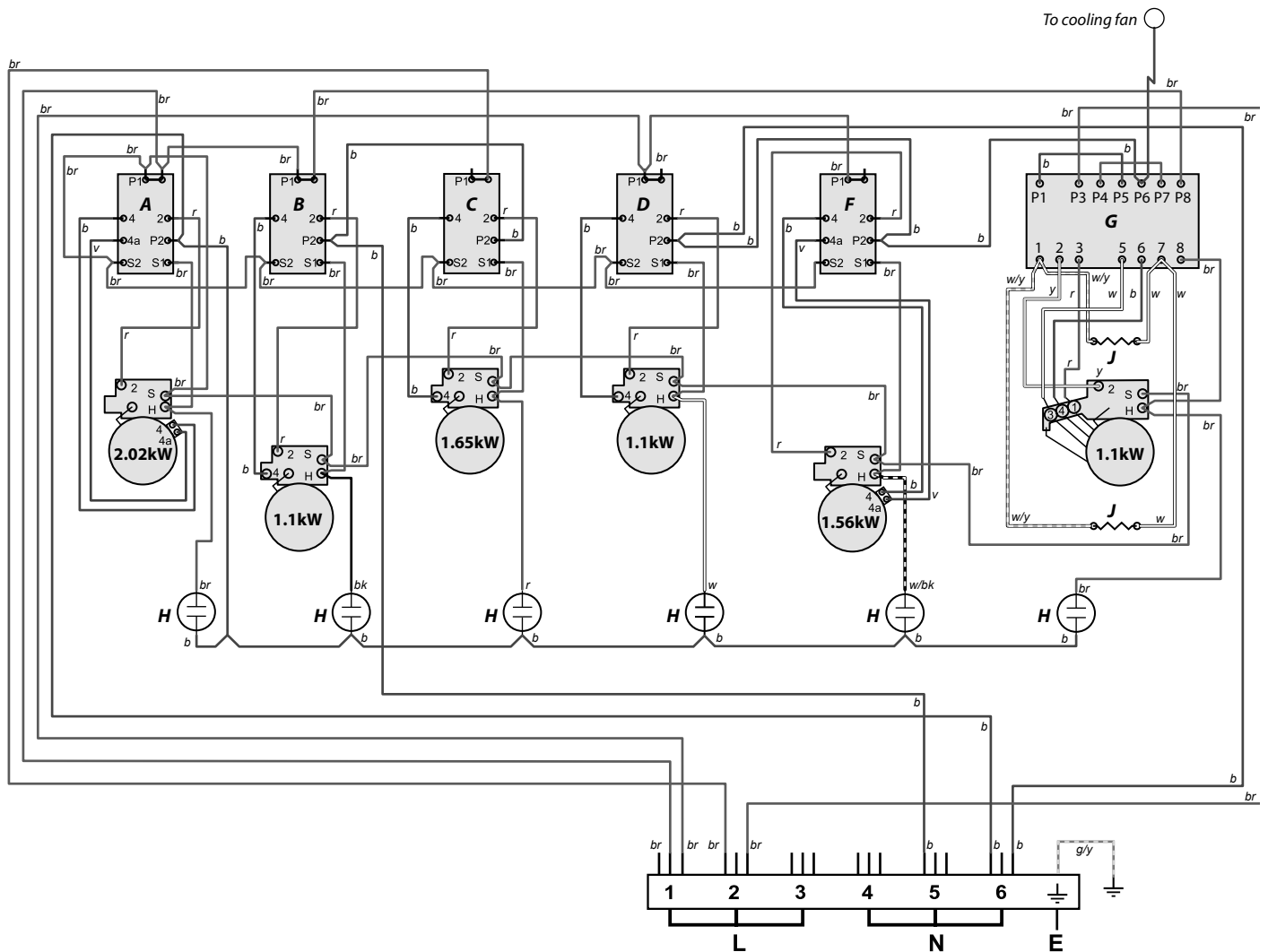
The connections shown in the circuit diagram are for single-phase. The ratings are for 230V 50 Hz.

Code	Description
<b>A1</b>	Grill energy regulator
<b>A2</b>	Grill elements
<b>A3</b>	Grill front switch
<b>B1</b>	Left-hand multi-function oven thermostat
<b>B2</b>	Multi-function oven control
<b>B2a</b>	Left-hand multi-function oven thermostat front switch
<b>B3</b>	Multi-function oven base element
<b>B4</b>	Multi-function oven top element (outer pr.)
<b>B5</b>	Multi-function oven top element (inner pr.)
<b>B6</b>	Multi-function oven fan element
<b>B7</b>	Multi-function oven fan
<b>D</b>	Clock

Code	Description
<b>F1</b>	Right-hand oven thermostat
<b>F2</b>	Right-hand oven switch block
<b>F3</b>	Right-hand fan oven element
<b>F4</b>	Right-hand oven fan
<b>G1</b>	Cooling fan
<b>H</b>	Oven light switch
<b>I</b>	Oven light
<b>J</b>	Thermal cut-out
<b>K</b>	Neon
<b>M1</b>	Slow cook oven thermostat
<b>M2</b>	Slow cook oven switch block
<b>M3</b>	Slow cook oven elements

Code	Colour
<b>b</b>	Blue
<b>br</b>	Brown
<b>bk</b>	Black
<b>or</b>	Orange
<b>r</b>	Red
<b>v</b>	Violet
<b>w</b>	White
<b>y</b>	Yellow
<b>g/y</b>	Green/yellow
<b>gr</b>	Grey

## Hob



### Key

The connections shown in the circuit diagram are for single-phase. The ratings are for 230V 50Hz.

Code	Description
<b>A</b>	Left-hand end dual circuit hob energy regulator
<b>B</b>	Left-hand front hob energy regulator
<b>C</b>	Left-hand rear hob energy regulator
<b>D</b>	Right-hand rear hob energy regulator
<b>E</b>	Earth terminal
<b>F</b>	Right-hand front hob dual circuit energy regulator
<b>G</b>	Right-hand dual purpose warmer hob controller
<b>H</b>	Hob indicator neon
<b>J</b>	Warmer element

Code	Colour
<b>b</b>	Blue
<b>br</b>	Brown
<b>bl</b>	Black
<b>or</b>	Orange
<b>r</b>	Red
<b>v</b>	Violet
<b>w</b>	White
<b>y</b>	Yellow
<b>g/y</b>	Green/yellow
<b>gr</b>	Grey

# 9. Technical Data

**INSTALLER:** Please leave these instructions with the user.

**DATA BADGE LOCATION:** Back of the cooker, serial number repeater badge below oven door opening.

**COUNTRY OF DESTINATION:** GB, IE.

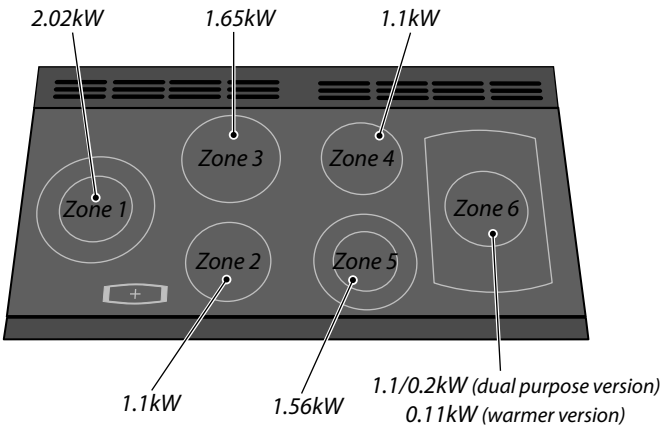
## Connections

Electric	230 / 400V ~ 50 Hz 3N
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## Dimensions

Model	Excel 110 Ceramic	
Overall height	minimum 905 mm	maximum 930 mm
Overall width	1100 mm	
Overall depth	607 mm excluding handles, 646 mm including handles	
Minimum height above the hotplate	650 mm	

## Hotplate Ratings



### Hotplate energy saving tips

- Use cookware with a flat base.
- Use the correct size cookware.
- Use cookware with a lid.
- Minimise the amount of liquid or fat.
- When liquid starts boiling, reduce the setting.

### Oven energy saving tips

- Cook meals together, if possible.
- Keep the pre-heating time short.
- Do not lengthen cooking time.
- Do not open the oven door during the cooking period.
- Do not forget to turn the appliance off at the end of cooking.

## Hotplate Efficiency Data

Brand	Rangemaster
Model Identification	Excel
Size	110
Type	Ceramic
Type of Hob	Radiant
Number of electric zones	6
Zone 1 - Ø cm	21
Heating Technology	-
Energy Consumption (ECElectric cooking) - Wh/kg	175
Zone 2 - Ø cm	14.5
Heating Technology	-
Energy Consumption (ECElectric cooking) - Wh/kg	180
Zone 3 - Ø cm	18.5
Heating Technology	-
Energy Consumption (ECElectric cooking) - Wh/kg	177
Zone 4 - Ø cm	14.5
Heating Technology	-
Energy Consumption (ECElectric cooking) - Wh/kg	180
Zone 5 - Ø cm	18.5
Heating Technology	-
Energy Consumption (ECElectric cooking) - Wh/kg	177
Zone 6 - Ø cm	14.5
Heating Technology	-
Energy Consumption (ECElectric cooking) - Wh/kg	180
Energy Consumption (ECElectric hob) - Wh/kg (*)	178

Information marked thus (\*) is not required with mixed fuel hobs



## Oven Data

Brand		Rangemaster
Model identification		Excel
Type of oven		Electric
Mass	kg	126
Number of cavities		2
<b>Left-hand Efficiency</b>		
Fuel type		Electric
Cavity type		Multifunction
Power - conventional		2.2
Power - forced air convection		2.5
Volume	Litres	73
Energy consumption (electricity) - conventional	kWh / cycle	1.08
Energy consumption (electricity) - forced air convection	kWh / cycle	0.91
Energy efficiency index - conventional		126.1
Energy efficiency index - forced air convection		106.2
Energy class		A
<b>Right-hand Efficiency</b>		
Fuel type		Electric
Cavity type		Fanned
Power - conventional		-
Power - forced air convection		2.5
Volume	Litres	73
Energy consumption (electricity) - conventional	kWh / cycle	-
Energy consumption (electricity) - forced air convection	kWh / cycle	0.88
Energy efficiency index - conventional		-
Energy efficiency index - forced air convection		102.7
Energy class		A

<b>Additional Information</b>		
The oven complies with EN 60350-1		
Maximum output @ 230V 50Hz		
Conventional		2.2 kW
Multifunction		2.5 kW
Multifunction (with Rapid Response)		3.7 kW
Forced Air Convection		2.5 kW
Grill		2.3 kW
Slow Oven		1.0 kW
Bread Proving Drawer		-

<b>Maximum total electrical load at 230 V</b> (approximate total including hob, oven lights, oven fan, etc.)	15.93 kW
--	----------

## Notes

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<b>Name of Appliance &amp; Colour*</b>				
<b>Appliance Serial Number*</b>				
<b>Fuel Type*</b>	<b>Natural Gas</b>	<input type="checkbox"/>	<b>LP Gas</b>	<input type="checkbox"/>
	<b>Dual Fuel</b>	<input type="checkbox"/>	<b>Electric</b>	<input type="checkbox"/>
<b>Retailer's Name &amp; Address</b>				
<b>Date of Purchase</b>				
<b>Installer's Name &amp; Address</b>				
<b>Installer's Telephone Number</b>				
<b>Date of Installation</b>				

\*This information is on the appliance data badge - look in the appliance instructions to find out where the data badge is located.

## CONSUMER SERVICE

If you have any product enquiries, or in the event of a problem with your appliance once it has been installed, please telephone: **0800 804 6261** or depending on your mobile network tariff you can call free on **0370 789 5107**.

## CONSUMER SERVICE LINES OPEN:

Monday to Thursday	8am–6pm
Friday	8am–5pm
Saturday	9am–1pm

## WARRANTY

Your manufacturer warranty covers goods of our own brand for defective workmanship and materials for a period of 1 year from the date of purchase. This warranty covers mechanical breakdown and proven cosmetic and manufacturing defects.

You will receive an additional FREE full 12 months guarantee by registering your purchase using the FREEPOST form provided. Alternatively, call free on **0800 587 5747**, quoting reference **RMGX57A**, or register online at **www.rangemaster.co.uk**.

Any damage, blemishes or chips identified upon receipt of the product must be reported within 90 days. Proof of purchase may be required to establish validity. Scratches on the surface of ceramic

hobs must be reported within 14 days. Scratches caused by usage are not covered. Accidental damage is not covered by the manufacturer's warranty.

## For warranty compliance, the requirements for the appliance are:

- Has been correctly installed in accordance with current legislation, relevant British and European Standards and Codes of Practice, by a suitably competent person registered with Gas Safe or equivalent body and where applicable a qualified electrician.
- Has been used solely for domestic cooking purposes.
- If in use in the UK\*, has not been taken abroad as a personal export. In the Republic of Ireland, conditions may vary, so consult your retailer.
- Is not second-hand or a refurbished appliance. The manufacturer's warranty is not transferable.
- Has not been subject to misuse, accidental damage or modification, and has not deteriorated due to normal domestic wear and tear, and the manufacturer's recommendations concerning cleaning materials have been followed.
- Has not been repaired by persons or organisations other than those authorised to act on behalf of AGA Rangemaster.

## Exceptions:

- Items not included under the free 1 year warranty include pan supports, griddles, wok rings, baking trays, grill pans, trivets, filters, light bulbs and other consumable accessories.
- Any damage caused other than through normal use.
- Breakdowns associated with cooking spillage.
- Cosmetic deterioration deemed to be normal wear and tear.
- Please note that we reserve the right to charge additional payments for engineer's expenses, at our discretion, up to the value of £300 per home visit.
- The terms of this warranty are in addition to your legal rights and do not affect your legal rights in relation to defective products. Please contact Citizen's Advice for more information relating to your legal rights.

\* Only certain models can be adapted for use with Mains Gas supplied in the Channel Islands and Isle of Man.

## OUT OF WARRANTY

Service work should only be carried out by technically competent and suitably qualified personnel.

For your own safety, always make sure that work is carried out by a Gas Safe registered engineer for gas appliances or an approved electrician for electrical models.

For a competitive quote and to arrange for a Rangemaster approved engineer to attend, call Consumer Services on: **0800 804 6261** or depending on your mobile network tariff you can call free on **0370 789 5107**.

## SPARE PARTS

To maintain optimum and safe performance, we recommend that only genuine Rangemaster spare parts are used. These are available from most major spares stockists, including ourselves.

## STANDARDS

Rangemaster cookers are designed and manufactured to a recognised international quality standard, which meets the requirements of BSENISO 9001, BSENISO 14001 and OHSAS 18001 for continually improving environmental procedures.

Rangemaster cookers comply with the essential requirements of the appropriate European Directives, and carry the CE mark.

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[www.rangemaster.co.uk](http://www.rangemaster.co.uk)

For ROI Enquiries Tel: 1850 302 502



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Britain's No.1 Range Cooker



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Rangemaster continuously seeks improvements in specification, design and production of products and thus, alterations take place periodically. Whilst every effort is made to produce up-to-date literature, this booklet should not be regarded as an infallible guide to current specification, nor does it constitute an offer for the sale of any particular appliance.

